

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112823\
 Data File : VN080293.D
 Acq On : 28 Nov 2023 13:40
 Operator : JC\MD
 Sample : VN1128WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 29 00:35:21 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	232712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	370647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	326255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	191867	49.934	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.860%		
35) Dibromofluoromethane	8.165	113	142103	51.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.920%		
50) Toluene-d8	10.570	98	491726	49.877	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.760%		
62) 4-Bromofluorobenzene	12.847	95	184436	49.529	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	60815	17.544	ug/l	92
3) Chloromethane	2.365	50	46574	17.871	ug/l	100
4) Vinyl Chloride	2.518	62	50918	18.462	ug/l	94
5) Bromomethane	2.959	94	35582	19.004	ug/l	98
6) Chloroethane	3.124	64	33336	18.448	ug/l	96
7) Trichlorofluoromethane	3.500	101	103411	17.974	ug/l	99
8) Diethyl Ether	3.965	74	31969	19.106	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.365	101	47175	17.939	ug/l	91
10) Methyl Iodide	4.594	142	50413	17.739	ug/l #	90
11) Tert butyl alcohol	5.506	59	36896	87.318	ug/l	98
12) 1,1-Dichloroethene	4.347	96	45003	18.297	ug/l	87
13) Acrolein	4.183	56	30457	81.447	ug/l	96
14) Allyl chloride	5.030	41	53873	17.409	ug/l	95
15) Acrylonitrile	5.718	53	108815	95.927	ug/l	99
16) Acetone	4.430	43	96307	74.623	ug/l	93
17) Carbon Disulfide	4.712	76	117933	16.058	ug/l	97
18) Methyl Acetate	5.024	43	79551	19.184	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	169240	19.484	ug/l	100
20) Methylene Chloride	5.271	84	56941	21.068	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	51419	19.029	ug/l #	82
22) Diisopropyl ether	6.671	45	142168	20.765	ug/l	98
23) Vinyl Acetate	6.606	43	384779	93.483	ug/l	93
24) 1,1-Dichloroethane	6.565	63	94328	18.916	ug/l	99
25) 2-Butanone	7.482	43	128048	83.508	ug/l	88
26) 2,2-Dichloropropane	7.488	77	91130	18.420	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	59723	19.495	ug/l	89
28) Bromochloromethane	7.812	49	40278	20.546	ug/l	100
29) Tetrahydrofuran	7.835	42	80560	97.859	ug/l	92
30) Chloroform	7.965	83	113788	20.416	ug/l	96
31) Cyclohexane	8.259	56	69374	16.602	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	106273	19.552	ug/l	99
36) 1,1-Dichloropropene	8.371	75	74922	18.922	ug/l	95
37) Ethyl Acetate	7.559	43	53966	19.649	ug/l #	77
38) Carbon Tetrachloride	8.359	117	94374	18.782	ug/l	95
39) Methylcyclohexane	9.600	83	64834	16.982	ug/l	94
40) Benzene	8.606	78	218465	19.413	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	26470	17.550	ug/l	98
42) 1,2-Dichloroethane	8.671	62	92884	20.174	ug/l	96
43) Isopropyl Acetate	8.688	43	89101	16.671	ug/l	98
44) Trichloroethene	9.347	130	58690	19.882	ug/l	86
45) 1,2-Dichloropropane	9.623	63	53571	20.484	ug/l	94
46) Dibromomethane	9.712	93	41494	20.960	ug/l	94
47) Bromodichloromethane	9.888	83	88217	20.258	ug/l	99
48) Methyl methacrylate	9.682	41	49531	17.983	ug/l	95
49) 1,4-Dioxane	9.688	88	16382	357.522	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	267103	96.530	ug/l	99
52) Toluene	10.629	92	139472	19.804	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	84283	18.838	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	91710	20.064	ug/l	93
55) 1,1,2-Trichloroethane	11.017	97	55841	20.774	ug/l	96
56) Ethyl methacrylate	10.870	69	54493	19.844	ug/l	91
57) 1,3-Dichloropropane	11.165	76	95786	20.410	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	143937	93.041	ug/l	97
59) 2-Hexanone	11.194	43	194955	87.680	ug/l	95
60) Dibromochloromethane	11.359	129	66359	20.620	ug/l	99
61) 1,2-Dibromoethane	11.470	107	54801	19.984	ug/l	98
64) Tetrachloroethene	11.100	164	59586	23.931	ug/l	96
65) Chlorobenzene	11.894	112	145654	19.702	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	60351	21.037	ug/l	96
67) Ethyl Benzene	11.964	91	253101	19.240	ug/l	99
68) m/p-Xylenes	12.070	106	192250	40.082	ug/l	88
69) o-Xylene	12.400	106	90669	20.059	ug/l	88
70) Styrene	12.411	104	139857	20.788	ug/l	94
71) Bromoform	12.576	173	43406	20.402	ug/l #	100
73) Isopropylbenzene	12.694	105	236741	19.166	ug/l	99
74) N-amyl acetate	12.494	43	67002	17.395	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	68376	18.496	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	67151m	17.242	ug/l	
77) Bromobenzene	12.982	156	62039	19.922	ug/l	96
78) n-propylbenzene	13.035	91	260893	18.888	ug/l	99
79) 2-Chlorotoluene	13.129	91	173093	19.295	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	205715	19.132	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	20997	18.215	ug/l	88
82) 4-Chlorotoluene	13.223	91	178309	19.402	ug/l	97
83) tert-Butylbenzene	13.441	119	160393	18.602	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	200884	18.974	ug/l	98
85) sec-Butylbenzene	13.617	105	204322	18.732	ug/l	100
86) p-Isopropyltoluene	13.729	119	186356	19.125	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	105171	18.745	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	106644	18.913	ug/l	98
89) n-Butylbenzene	14.058	91	146425	17.954	ug/l	98
90) Hexachloroethane	14.335	117	33685	17.733	ug/l	74
91) 1,2-Dichlorobenzene	14.105	146	101062	18.823	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14189	16.524	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	49418	15.825	ug/l	96
94) Hexachlorobutadiene	15.505	225	30472	16.957	ug/l	99
95) Naphthalene	15.647	128	134054	14.804	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	48530	16.580	ug/l	98

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

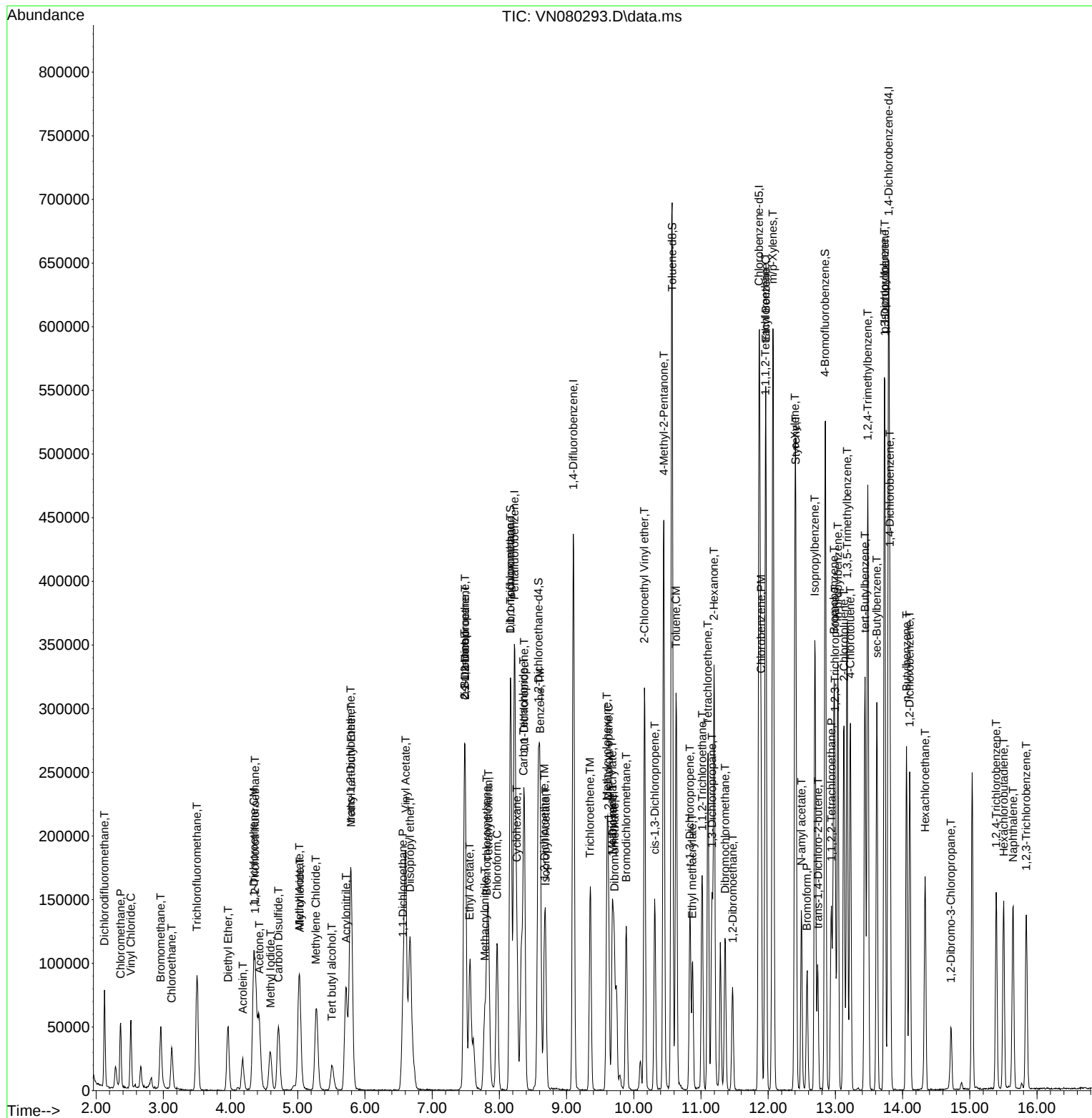
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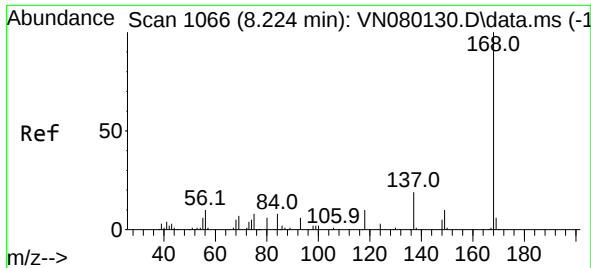
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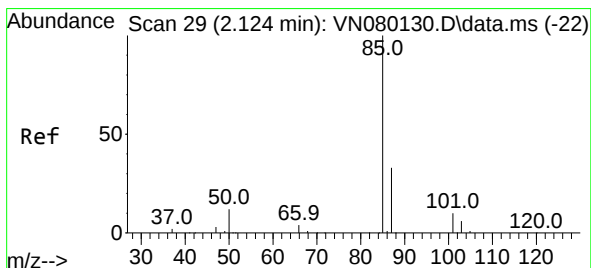
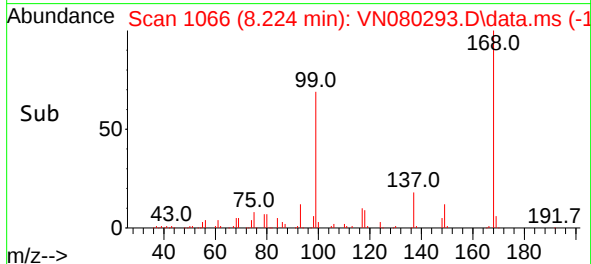
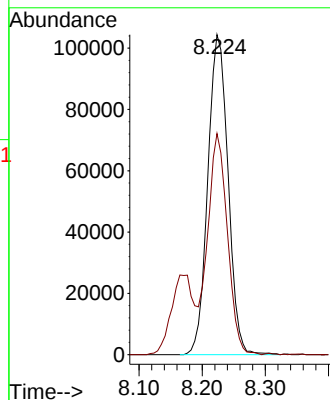
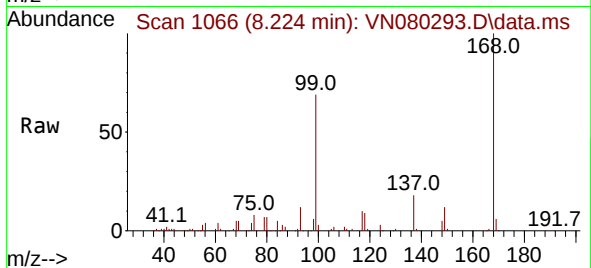
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080293.D
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Tgt Ion:168 Resp: 232712
Ion Ratio Lower Upper
168 100
99 69.1 53.0 79.6

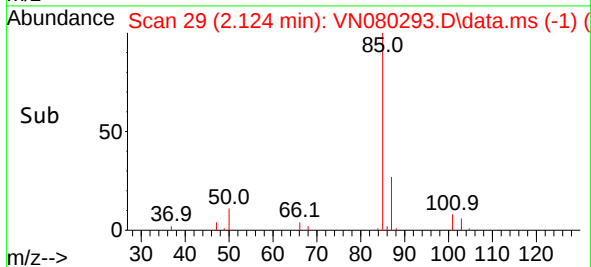
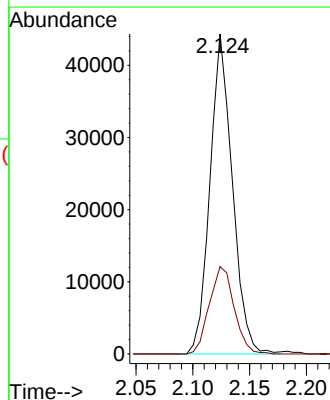
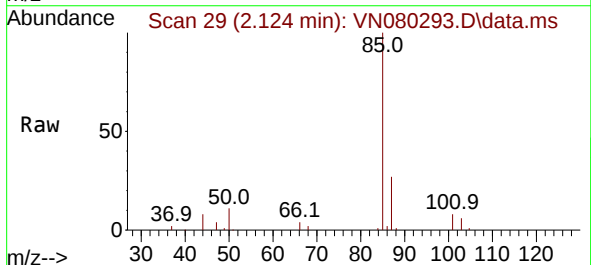
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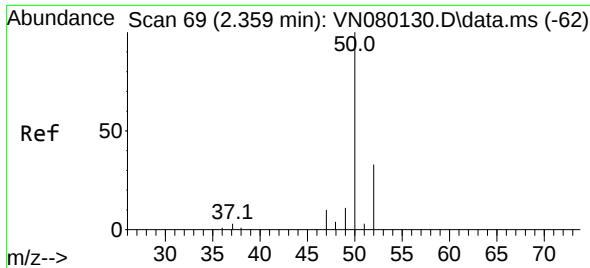
Reviewed By :John Carlone 11/29/2023
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#2
Dichlorodifluoromethane
Concen: 17.544 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion: 85 Resp: 60815
Ion Ratio Lower Upper
85 100
87 27.3 15.8 47.4





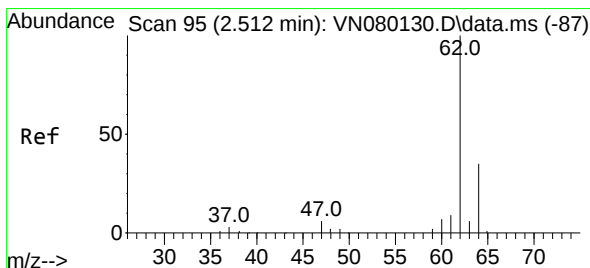
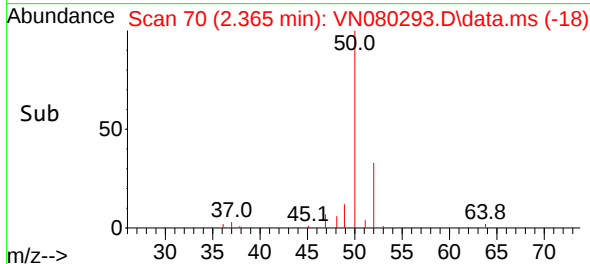
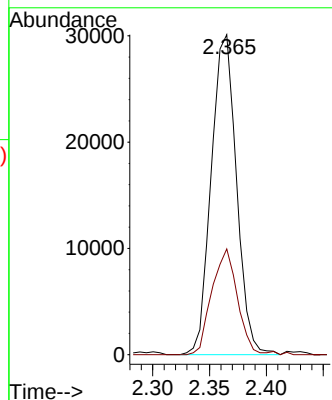
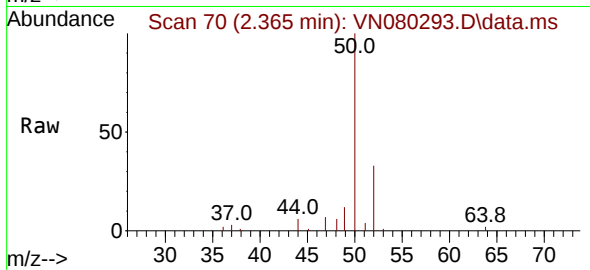
#3
Chloromethane
Concen: 17.871 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
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Tgt Ion: 50 Resp: 46574
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

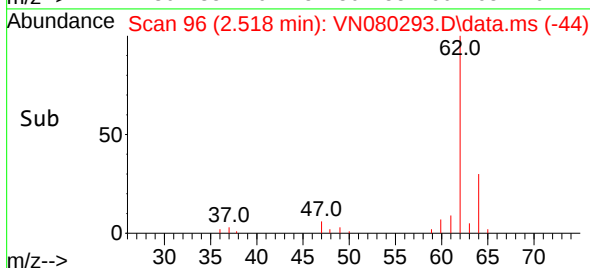
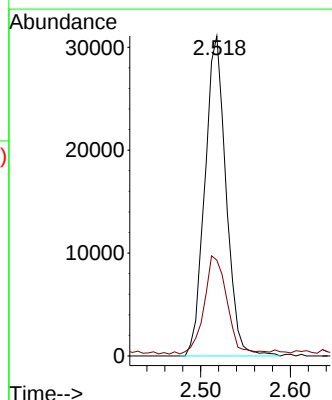
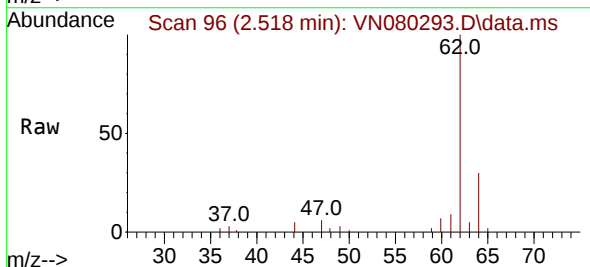
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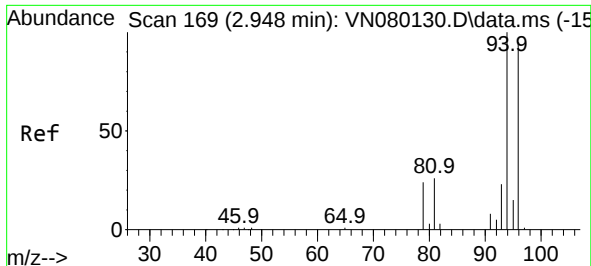
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#4
Vinyl Chloride
Concen: 18.462 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion: 62 Resp: 50918
Ion Ratio Lower Upper
62 100
64 29.3 26.2 39.2





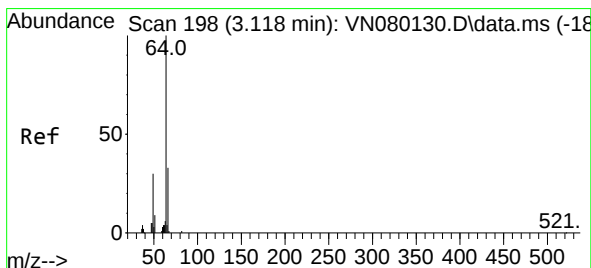
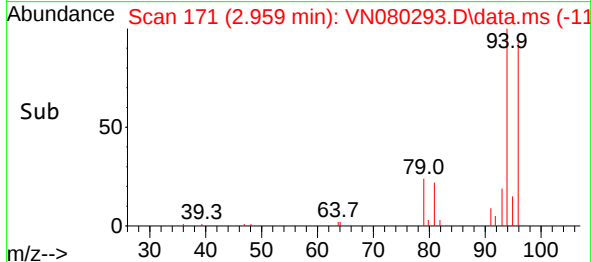
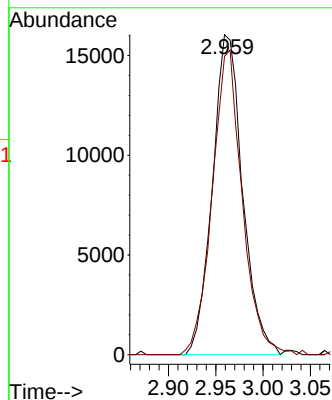
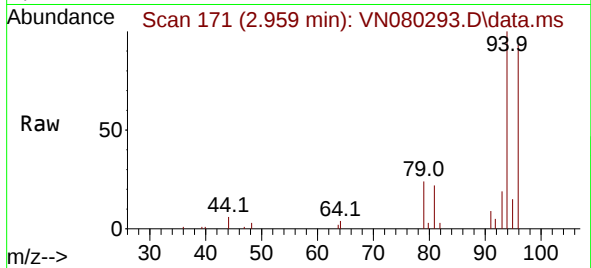
#5
Bromomethane
Concen: 19.004 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN080293.D
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Tgt Ion: 94 Resp: 3558
Ion Ratio Lower Upper
94 100
96 93.3 73.1 109.7

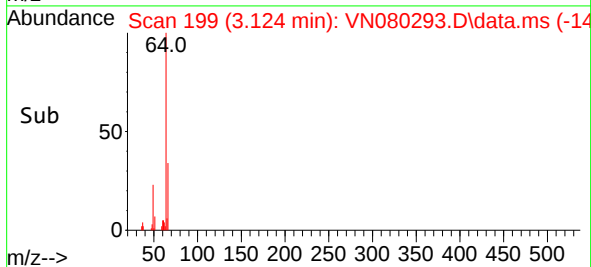
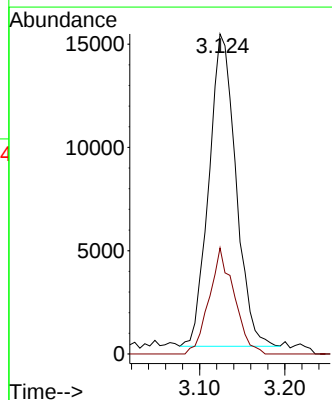
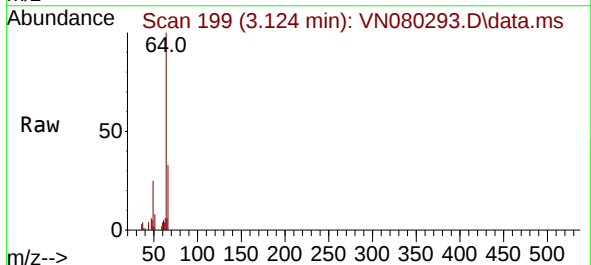
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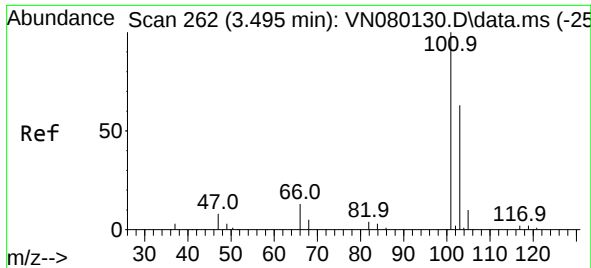
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#6
Chloroethane
Concen: 18.448 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion: 64 Resp: 33336
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.2





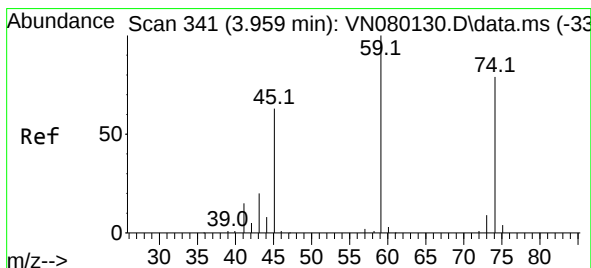
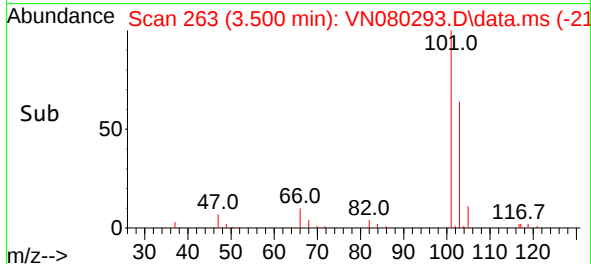
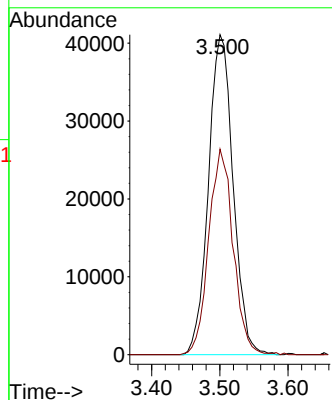
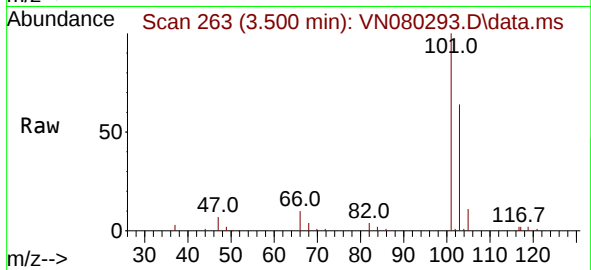
#7
 Trichlorofluoromethane
 Concen: 17.974 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN080293.D
 Acq: 28 Nov 2023 13:40

Instrument :
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Tgt Ion:101 Resp: 10341
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.7 76.1

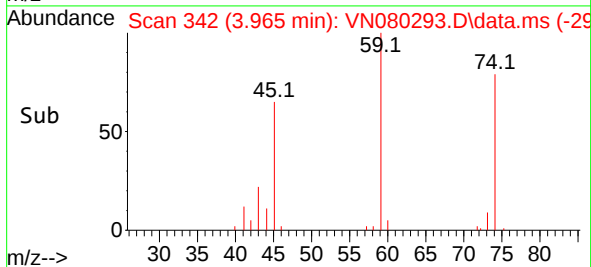
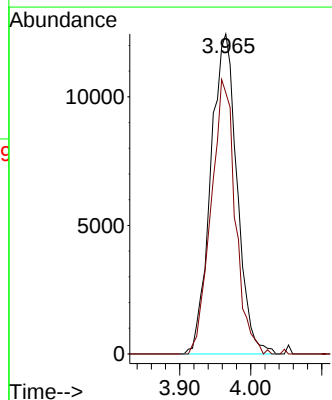
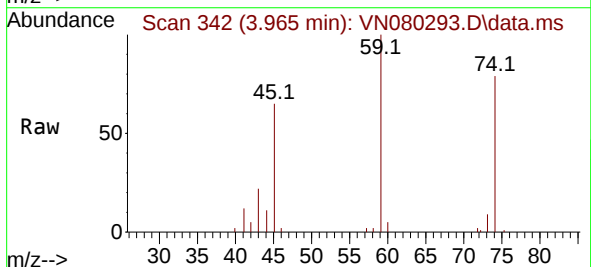
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#8
 Diethyl Ether
 Concen: 19.106 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN080293.D
 Acq: 28 Nov 2023 13:40

Tgt Ion: 74 Resp: 31969
 Ion Ratio Lower Upper
 74 100
 45 79.0 34.4 103.3





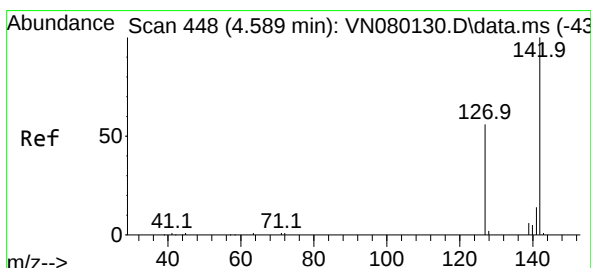
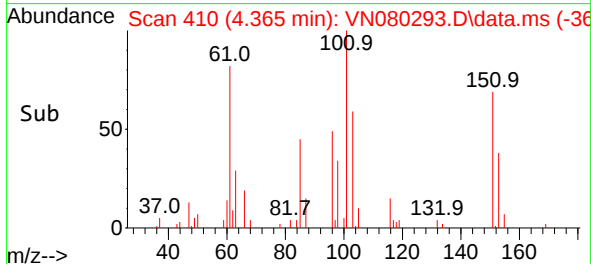
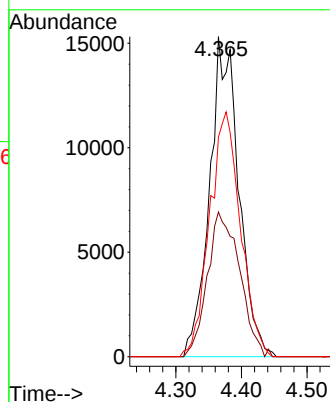
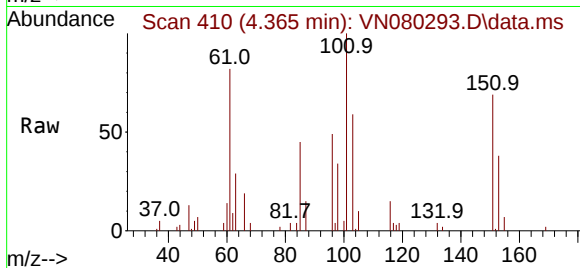
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.939 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion:101 Resp: 4717
Ion Ratio Lower Upper
101 100
85 50.2 36.6 55.0
151 81.2 57.6 86.4

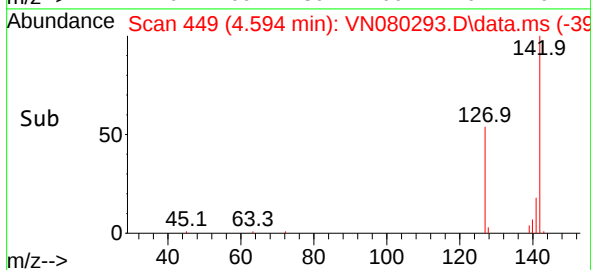
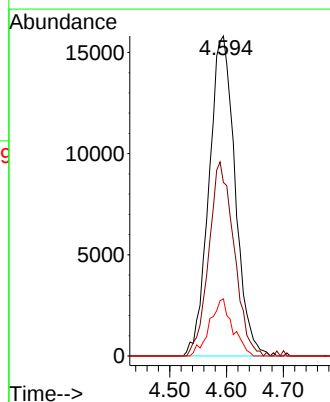
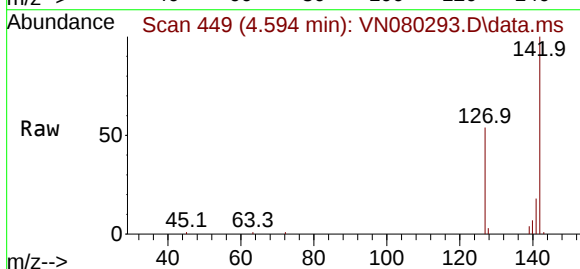
Manual Integrations
APPROVED

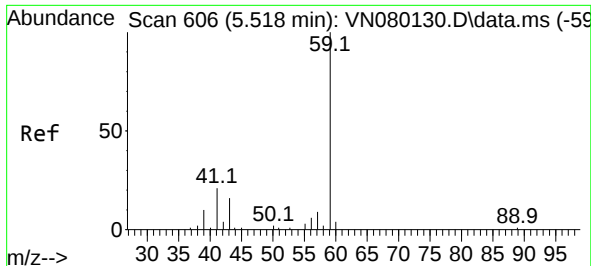
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#10
Methyl Iodide
Concen: 17.739 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion:142 Resp: 50413
Ion Ratio Lower Upper
142 100
127 54.2 37.6 56.4
141 17.9 11.4 17.0#





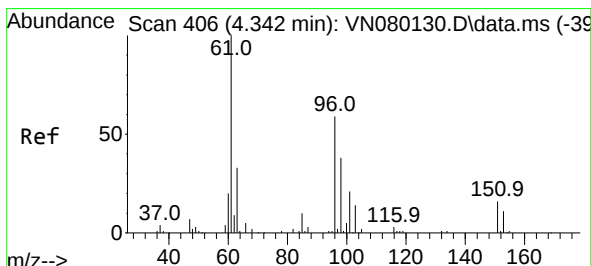
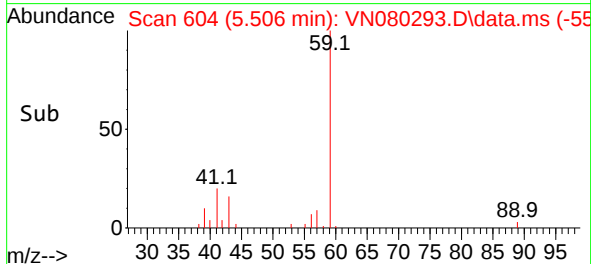
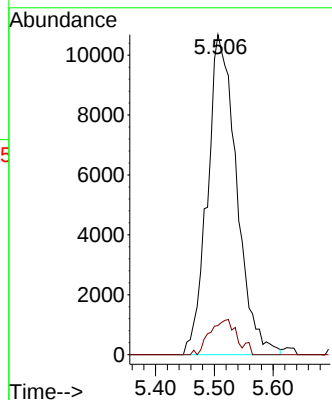
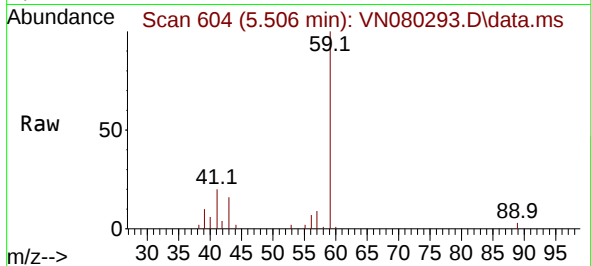
#11
Tert butyl alcohol
Concen: 87.318 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion: 59 Resp: 36890
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.4

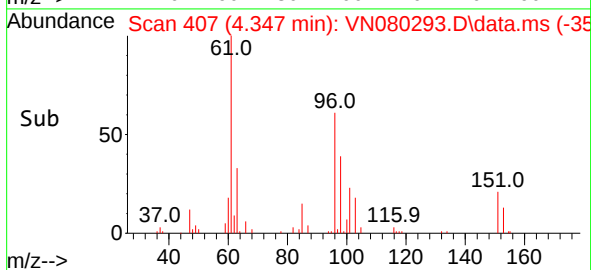
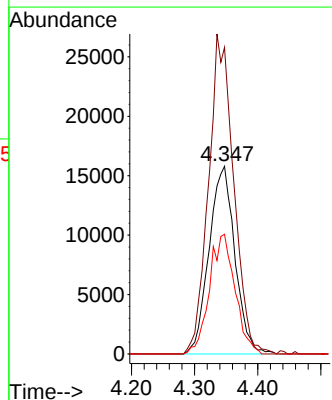
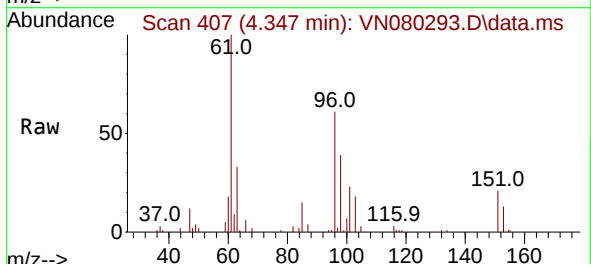
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 18.297 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion: 96 Resp: 45003
Ion Ratio Lower Upper
96 100
61 163.4 112.7 169.1
98 63.7 51.2 76.8





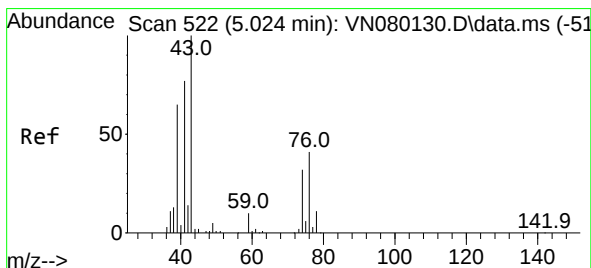
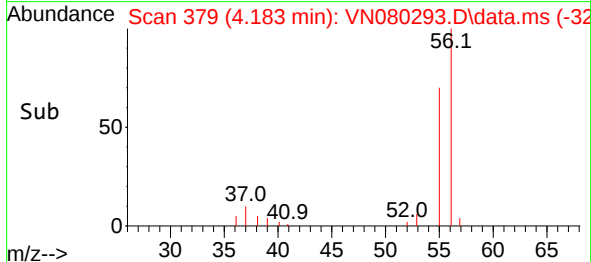
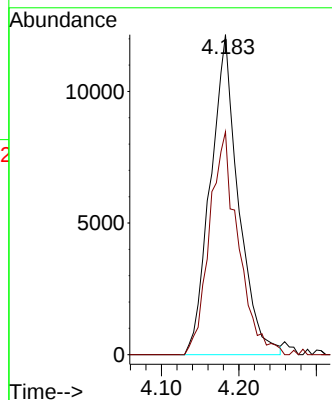
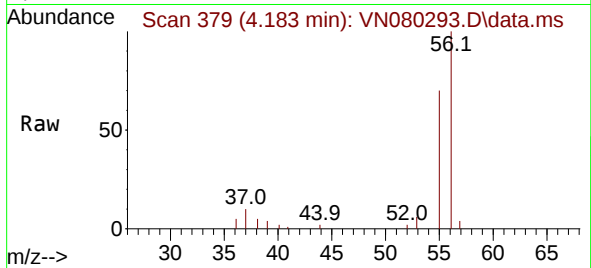
#13
Acrolein
Concen: 81.447 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion: 56 Resp: 3045
Ion Ratio Lower Upper
56 100
55 71.5 54.5 81.7

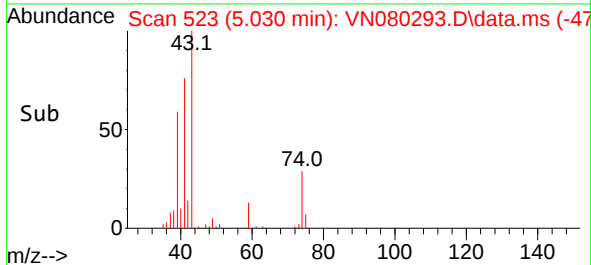
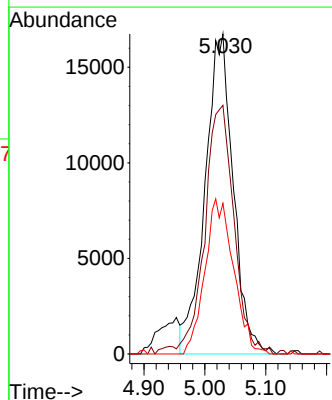
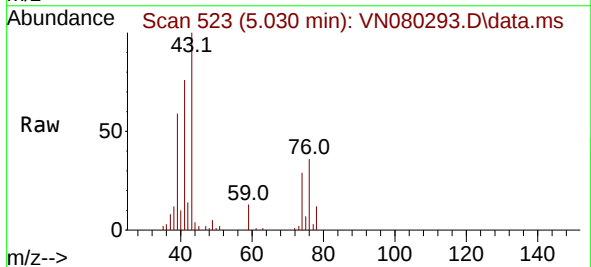
Manual Integrations
APPROVED

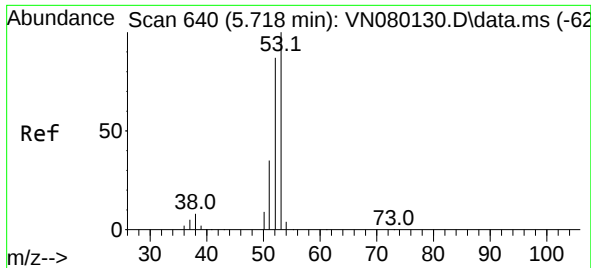
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#14
Allyl chloride
Concen: 17.409 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

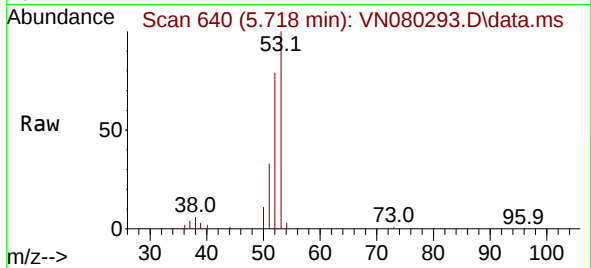
Tgt Ion: 41 Resp: 53873
Ion Ratio Lower Upper
41 100
39 79.9 58.8 88.2
76 49.3 39.1 58.7





#15
Acrylonitrile
Concen: 95.927 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

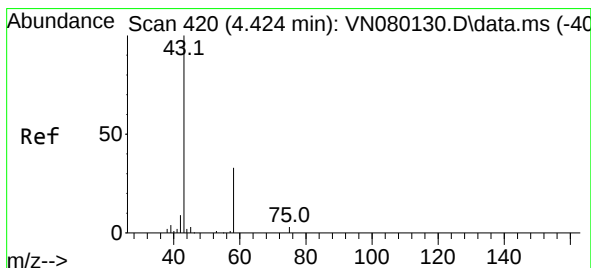
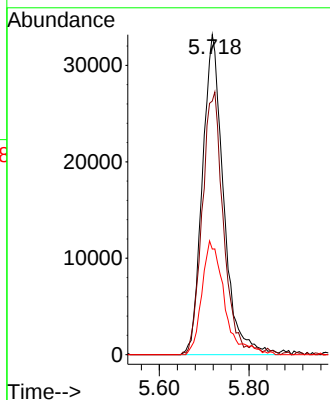
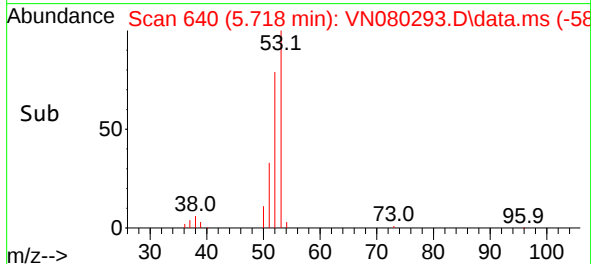
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01



Tgt Ion: 53 Resp: 108815
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 37.9 28.9 43.3

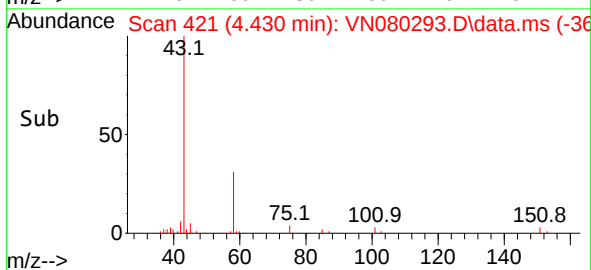
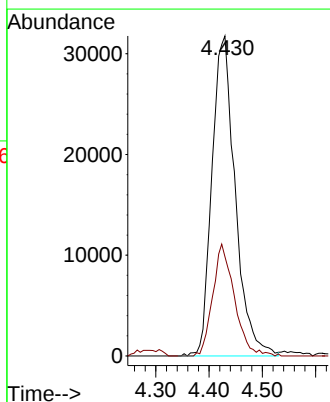
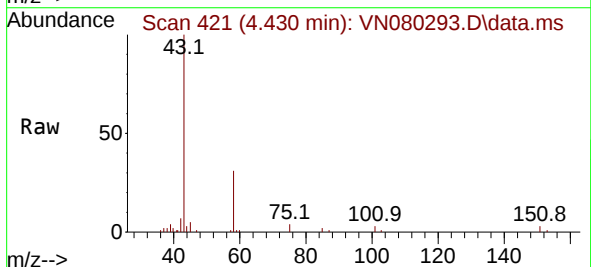
Manual Integrations
APPROVED

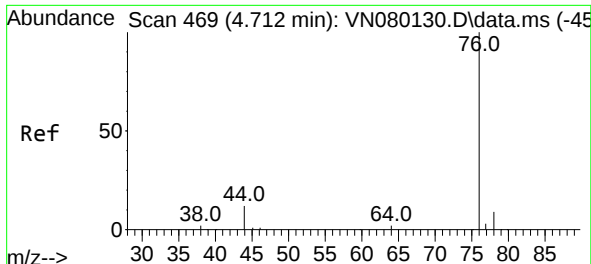
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#16
Acetone
Concen: 74.623 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion: 43 Resp: 96307
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0





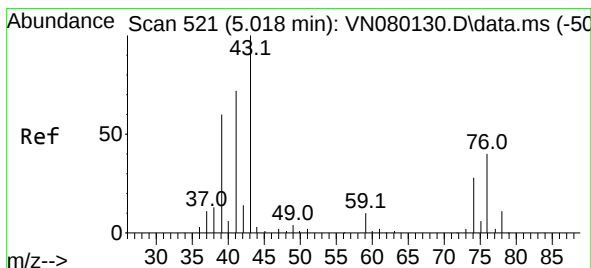
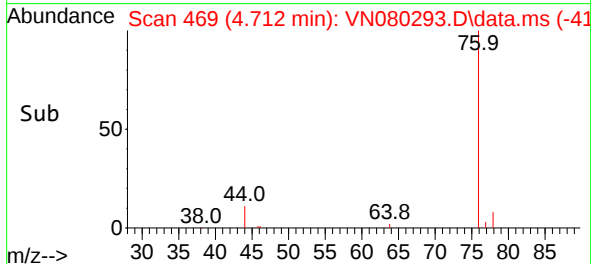
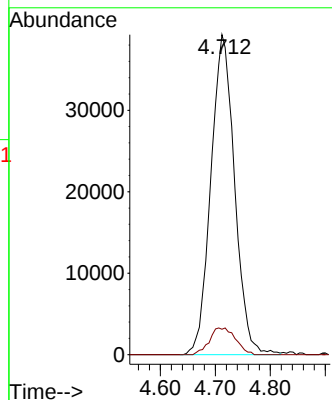
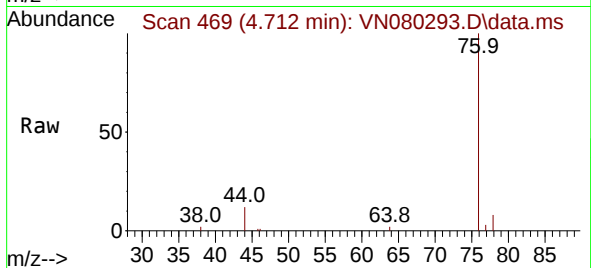
#17
Carbon Disulfide
Concen: 16.058 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion: 76 Resp: 11793
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

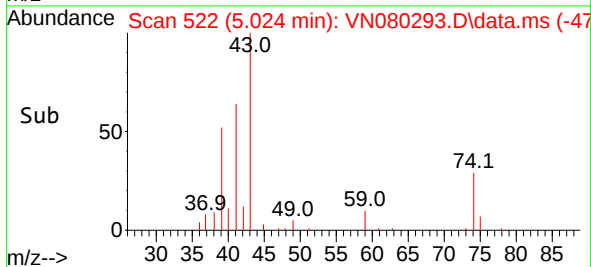
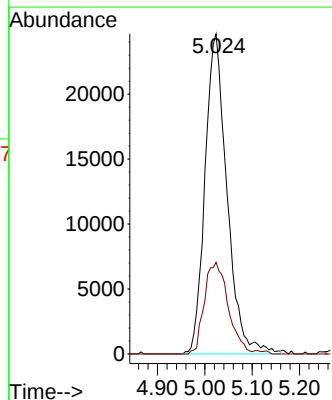
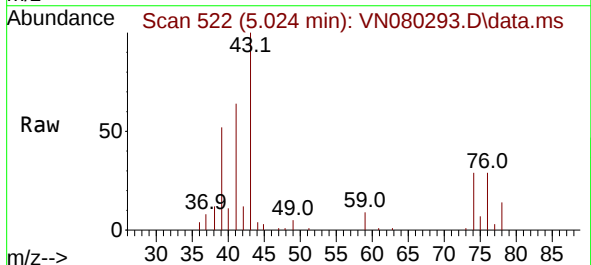
Manual Integrations
APPROVED

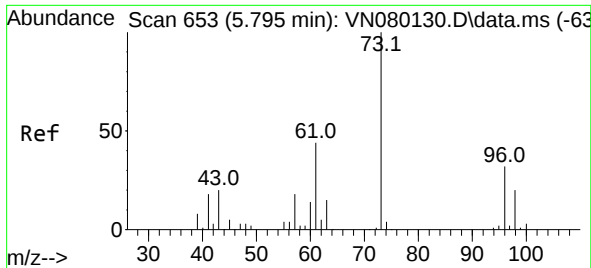
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#18
Methyl Acetate
Concen: 19.184 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion: 43 Resp: 79551
Ion Ratio Lower Upper
43 100
74 30.9 26.2 39.4





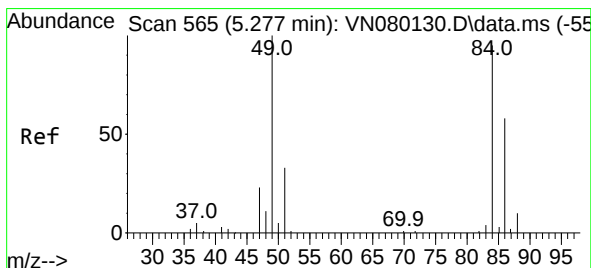
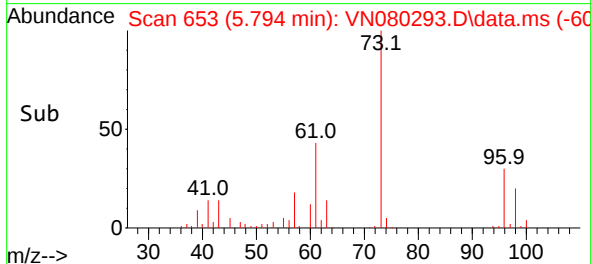
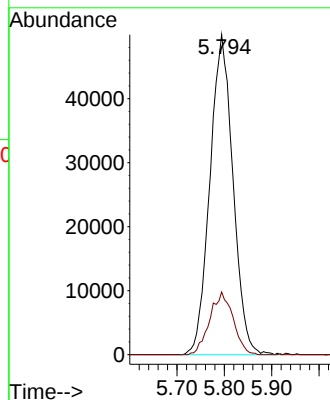
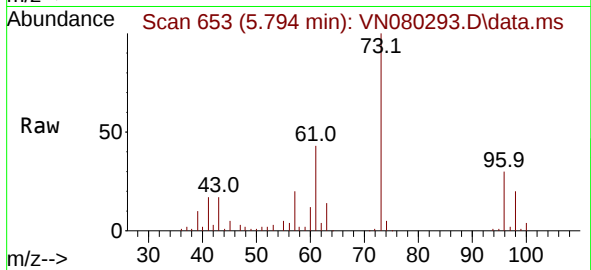
#19
Methyl tert-butyl Ether
Concen: 19.484 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion: 73 Resp: 169240
Ion Ratio Lower Upper
73 100
57 19.6 15.6 23.4

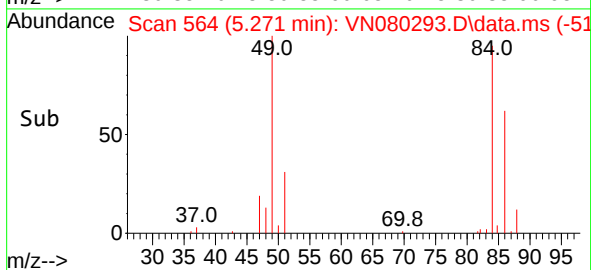
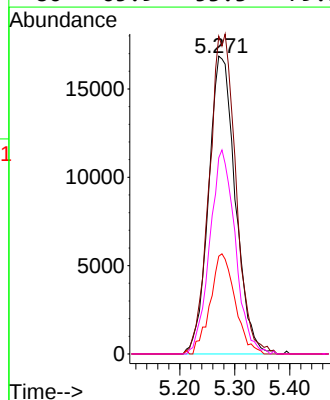
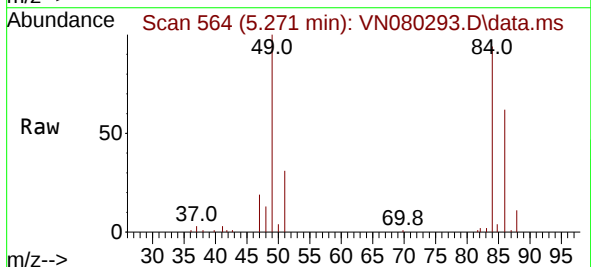
Manual Integrations
APPROVED

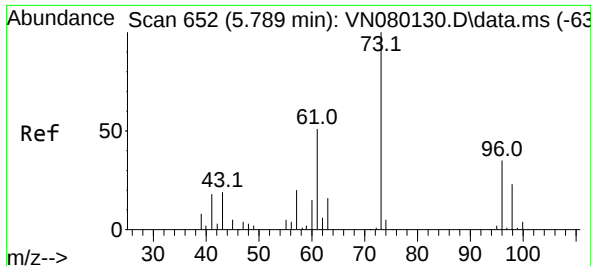
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#20
Methylene Chloride
Concen: 21.068 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion: 84 Resp: 56941
Ion Ratio Lower Upper
84 100
49 106.7 79.7 119.5
51 32.9 25.2 37.8
86 65.9 53.3 79.9





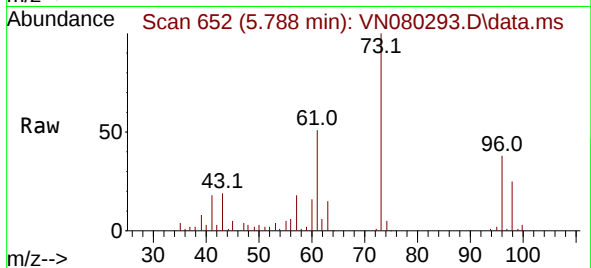
#21
trans-1,2-Dichloroethene
Concen: 19.029 ug/l
RT: 5.788 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBSD01

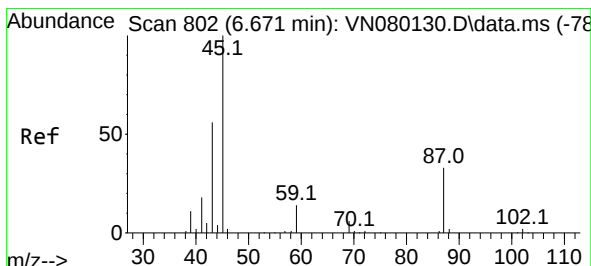
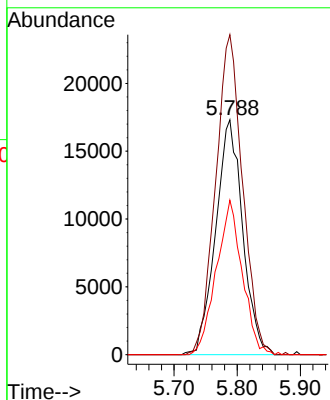
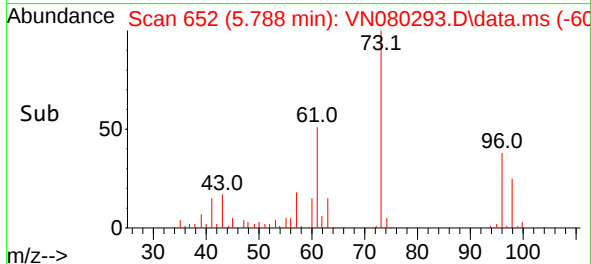


Tgt Ion: 96 Resp: 51419
Ion Ratio Lower Upper
96 100
61 136.3 90.1 135.1
98 65.8 46.4 69.6

Manual Integrations

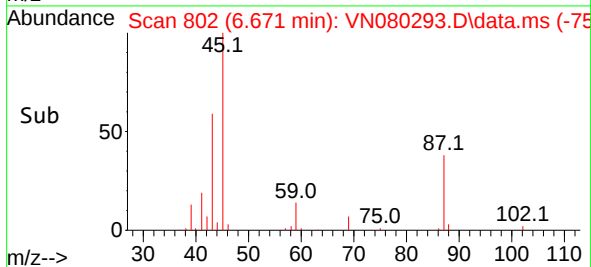
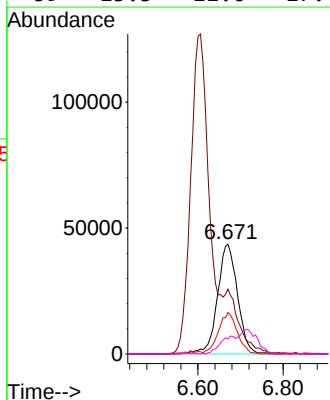
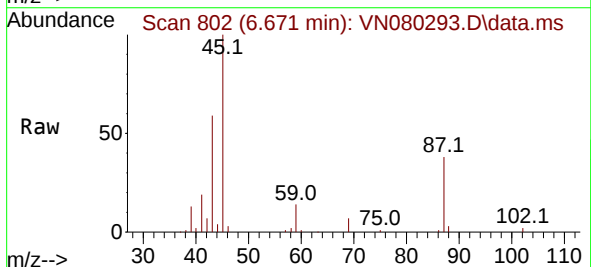
APPROVED

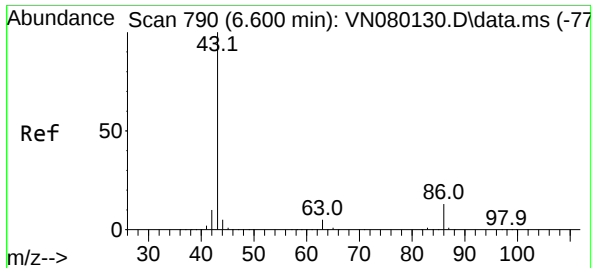
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#22
Diisopropyl ether
Concen: 20.765 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion: 45 Resp: 142168
Ion Ratio Lower Upper
45 100
43 57.6 45.5 68.3
87 37.9 31.8 47.8
59 13.3 11.6 17.4





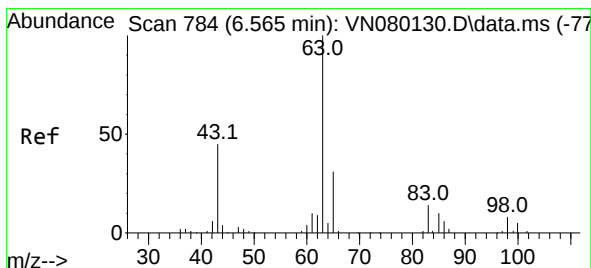
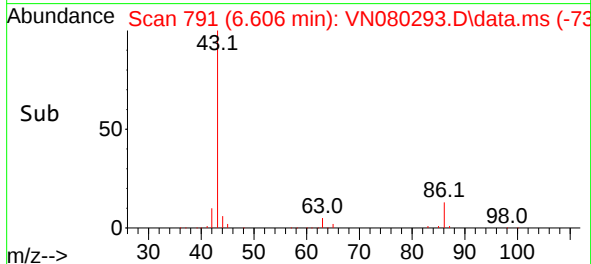
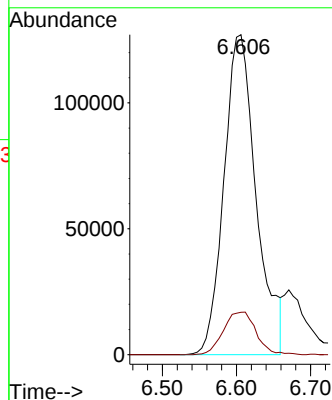
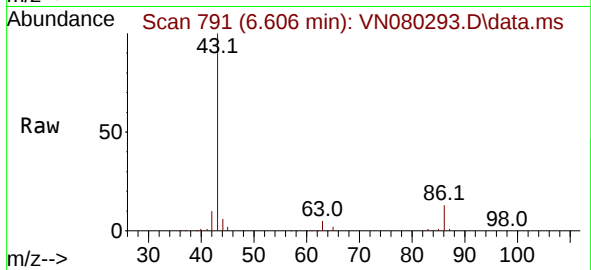
#23
 Vinyl Acetate
 Concen: 93.483 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080293.D
 Acq: 28 Nov 2023 13:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBSD01

Tgt Ion: 43 Resp: 384779
 Ion Ratio Lower Upper
 43 100
 86 13.2 13.0 19.6

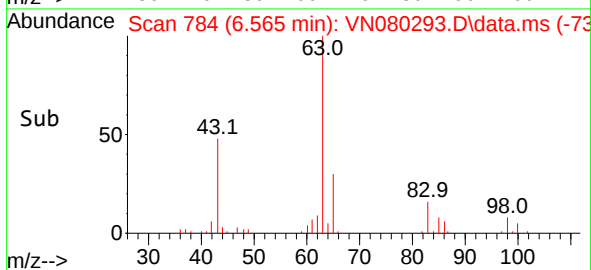
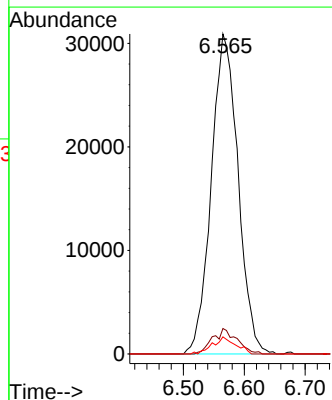
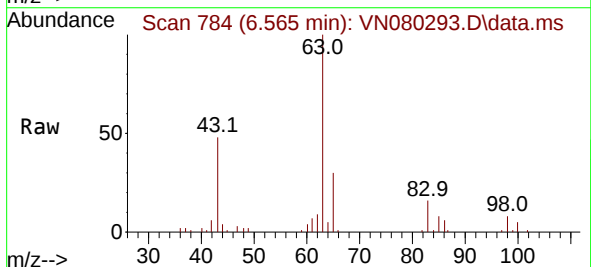
Manual Integrations
 APPROVED

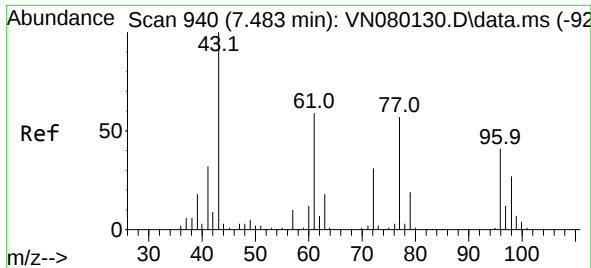
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#24
 1,1-Dichloroethane
 Concen: 18.916 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080293.D
 Acq: 28 Nov 2023 13:40

Tgt Ion: 63 Resp: 94328
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 5.4 2.5 7.4





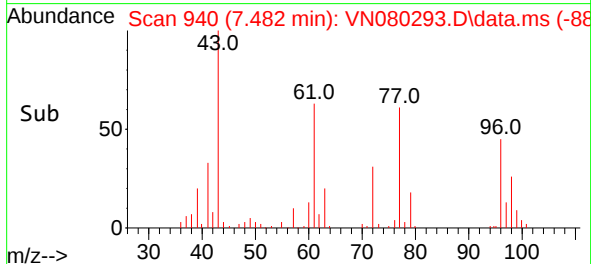
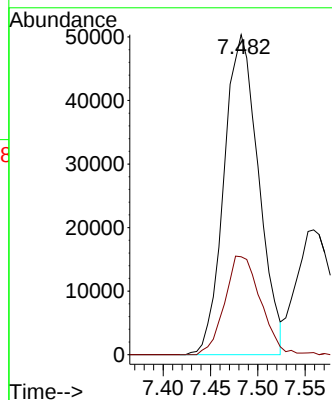
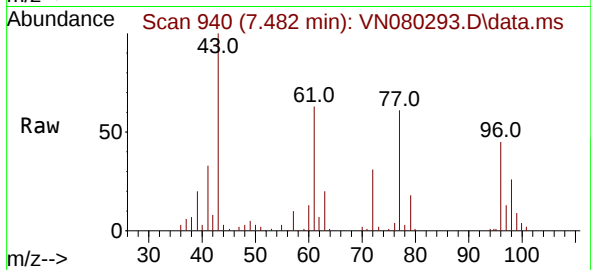
#25
2-Butanone
Concen: 83.508 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion: 43 Resp: 12804
Ion Ratio Lower Upper
43 100
72 30.6 30.2 45.2

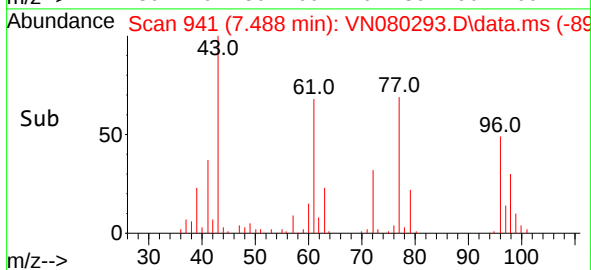
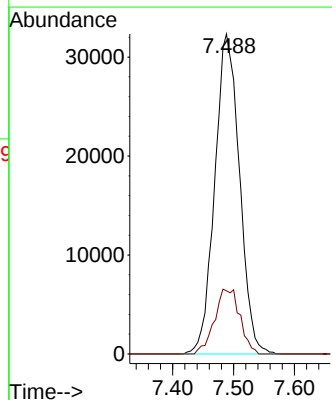
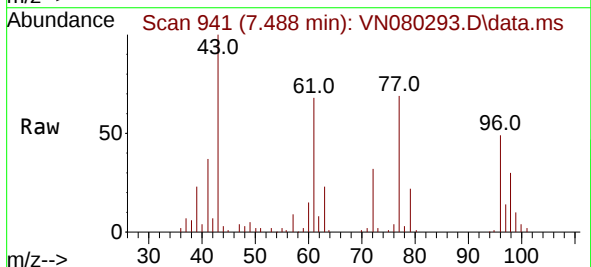
Manual Integrations
APPROVED

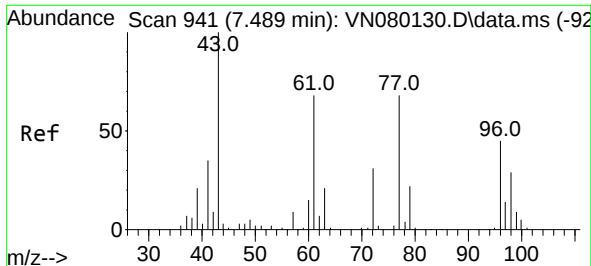
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#26
2,2-Dichloropropane
Concen: 18.420 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

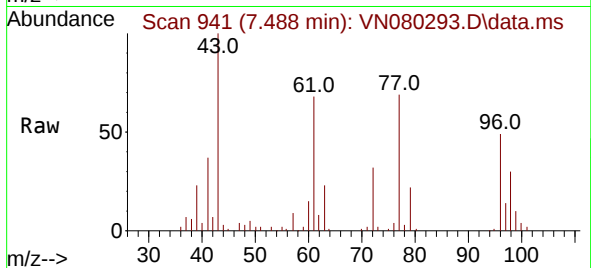
Tgt Ion: 77 Resp: 91130
Ion Ratio Lower Upper
77 100
97 20.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.495 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080293.D
 Acq: 28 Nov 2023 13:40

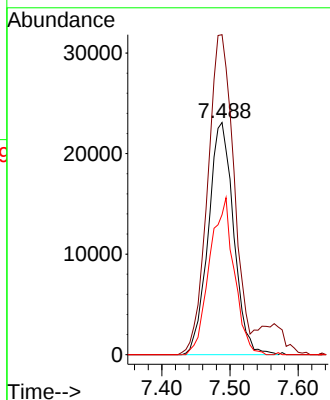
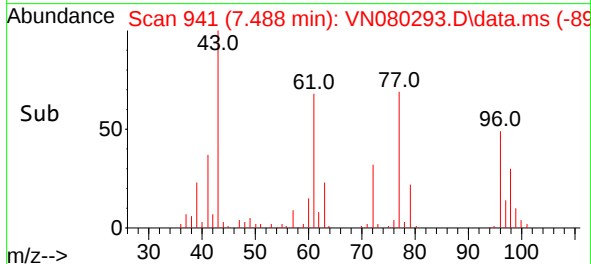
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBSD01



Tgt Ion: 96 Resp: 5972
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 255.2
 98 65.6 0.0 128.8

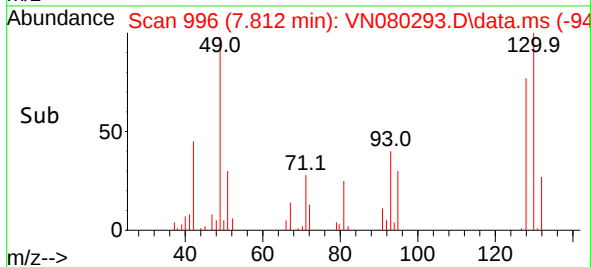
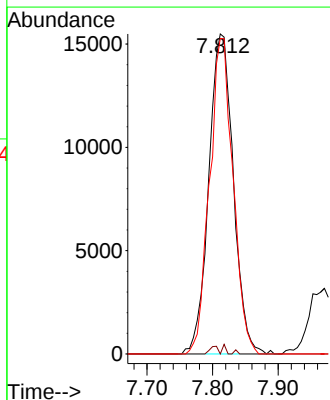
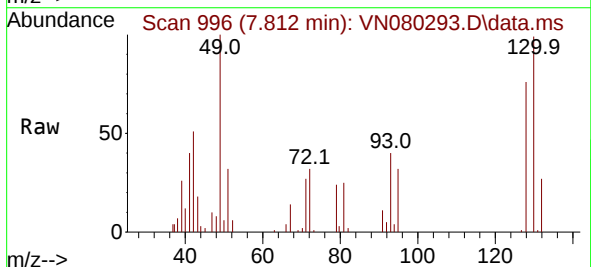
Manual Integrations
 APPROVED

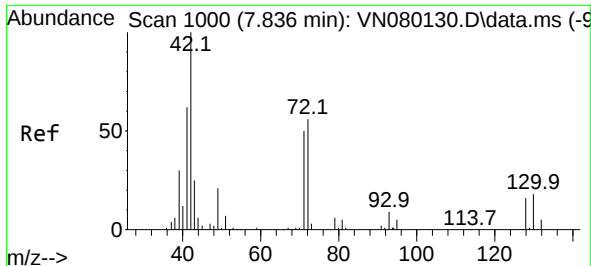
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#28
 Bromochloromethane
 Concen: 20.546 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080293.D
 Acq: 28 Nov 2023 13:40

Tgt Ion: 49 Resp: 40278
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.8
 130 94.3 75.3 112.9





#29

Tetrahydrofuran

Concen: 97.859 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080293.D

Acq: 28 Nov 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBSD01

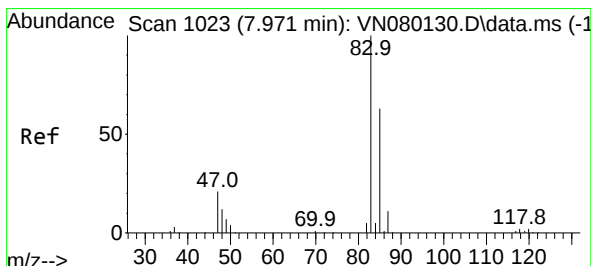
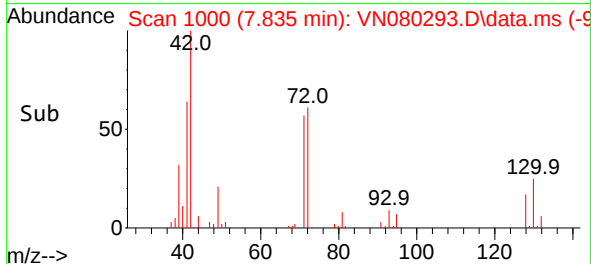
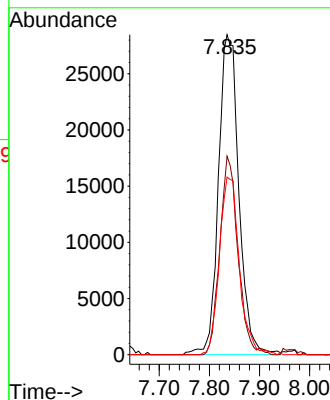
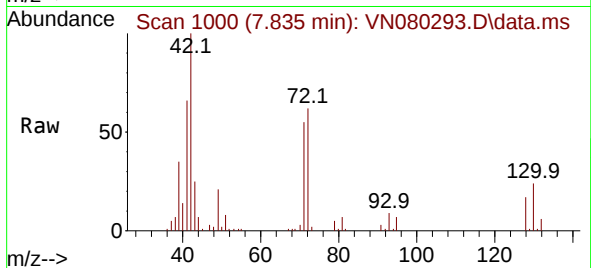
Tgt Ion:	42	Resp:	80560
Ion Ratio	Lower	Upper	
42	100		
72	55.1	49.8	74.6
71	54.2	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#30

Chloroform

Concen: 20.416 ug/l

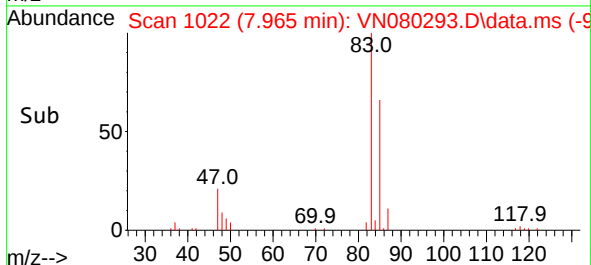
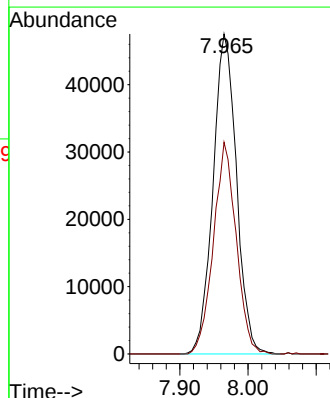
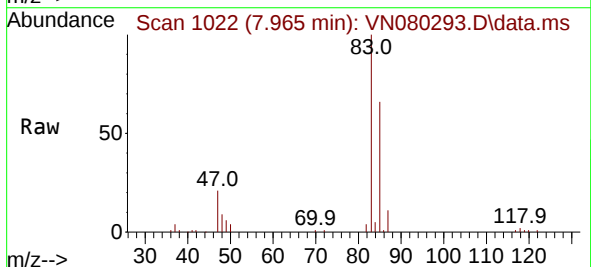
RT: 7.965 min Scan# 1022

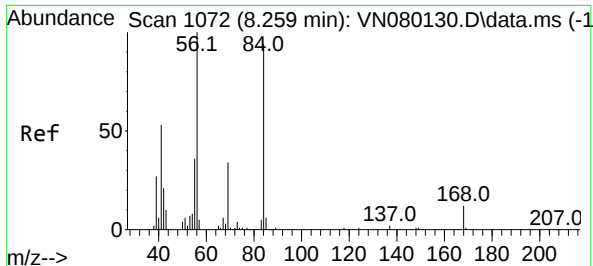
Delta R.T. -0.006 min

Lab File: VN080293.D

Acq: 28 Nov 2023 13:40

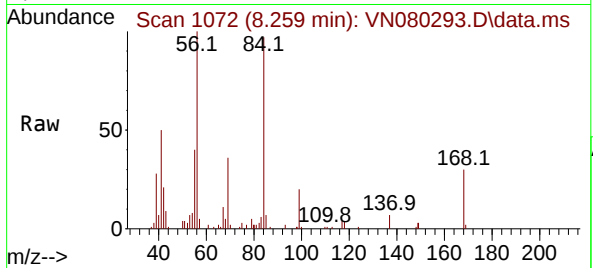
Tgt Ion:	83	Resp:	113788
Ion Ratio	Lower	Upper	
83	100		
85	66.2	55.4	83.0





#31
Cyclohexane
Concen: 16.602 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

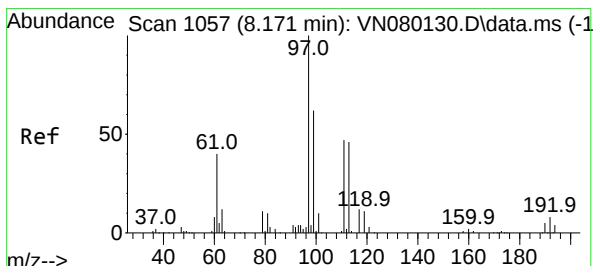
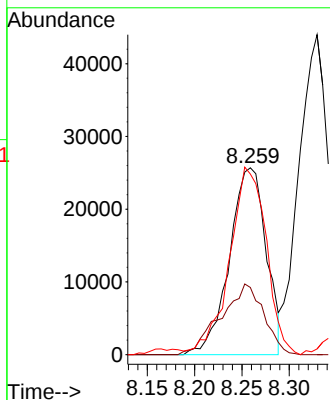
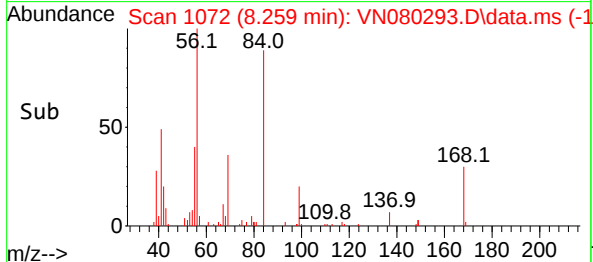
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01



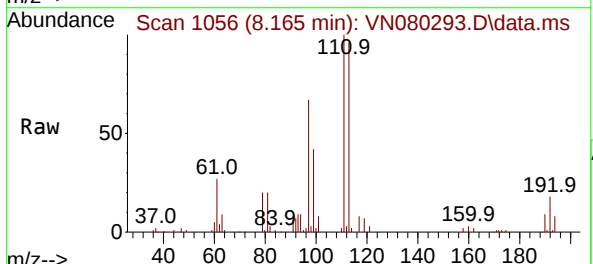
Tgt Ion: 56 Resp: 69374
Ion Ratio Lower Upper
56 100
69 36.0 26.8 40.2
84 93.9 81.8 122.6

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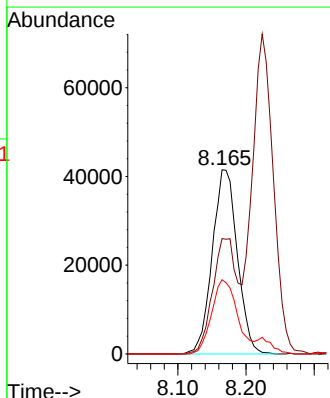
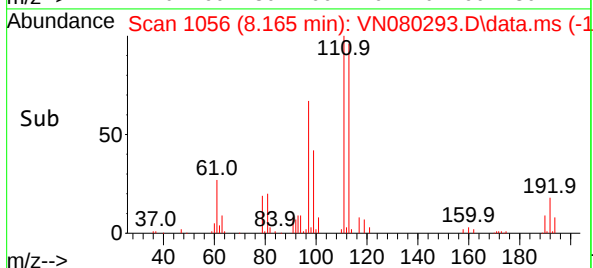
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

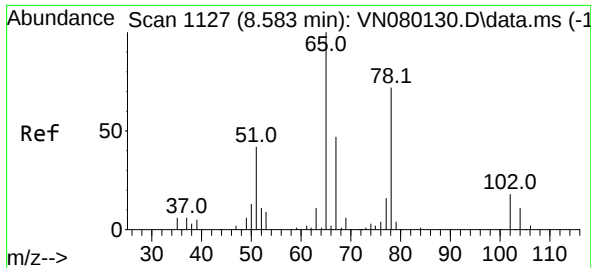


#32
1,1,1-Trichloroethane
Concen: 19.552 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40



Tgt Ion: 97 Resp: 106273
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 41.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.934 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080293.D

Acq: 28 Nov 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBSD01

Tgt Ion: 65 Resp: 19186

Ion Ratio Lower Upper

65 100

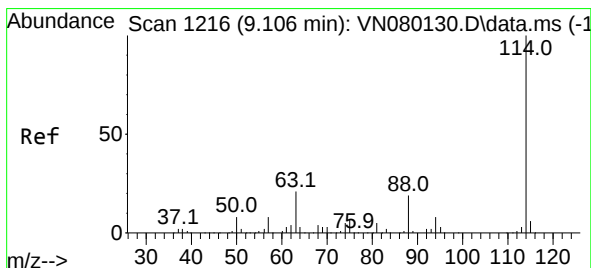
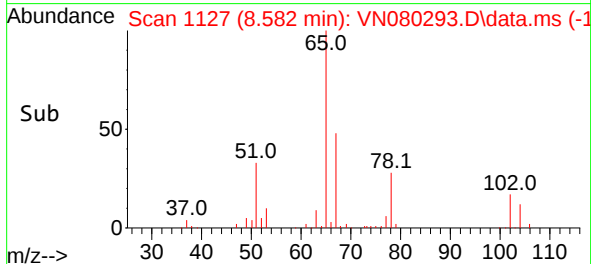
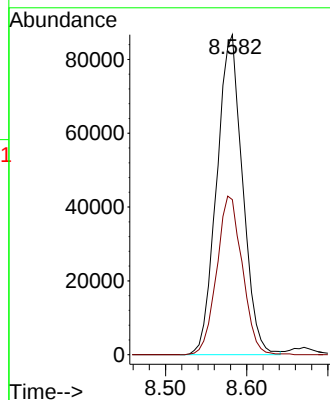
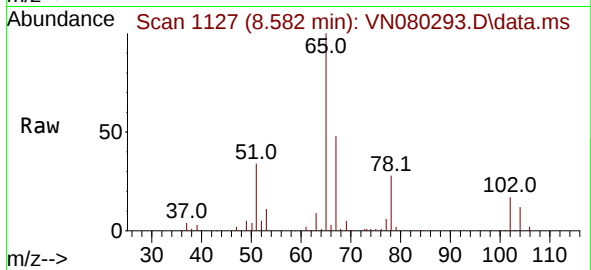
67 49.0 0.0 106.6

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: VN080293.D

Acq: 28 Nov 2023 13:40

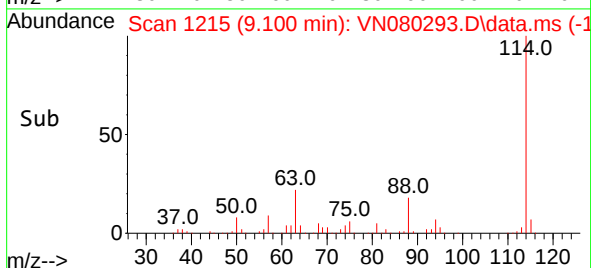
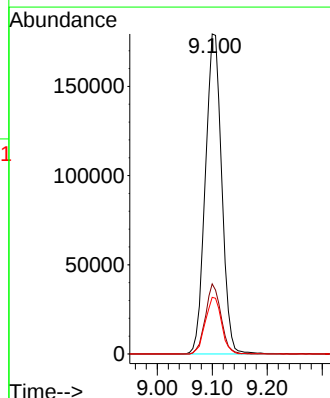
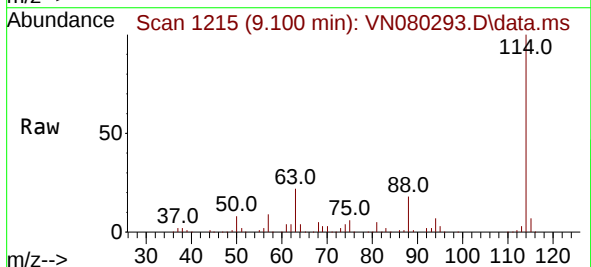
Tgt Ion:114 Resp: 370647

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

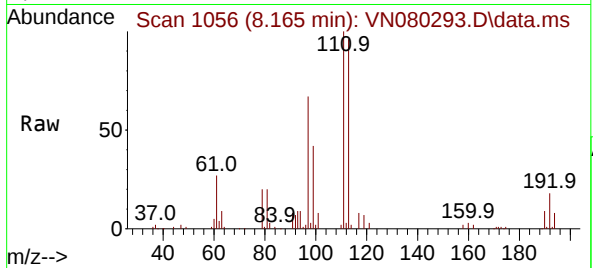
88 17.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.959 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

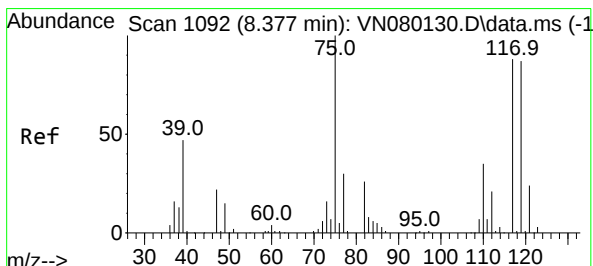
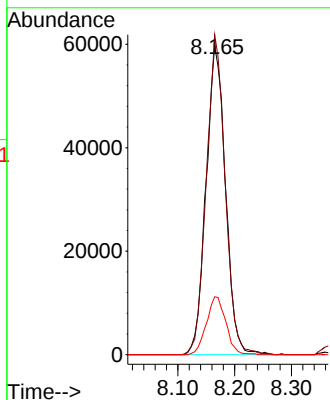
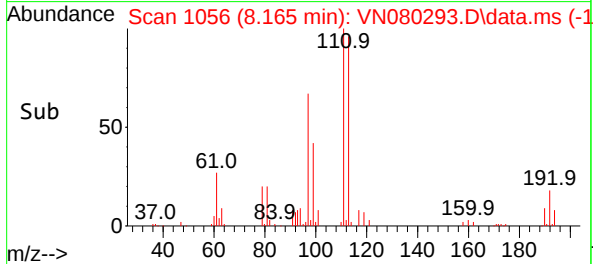
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01



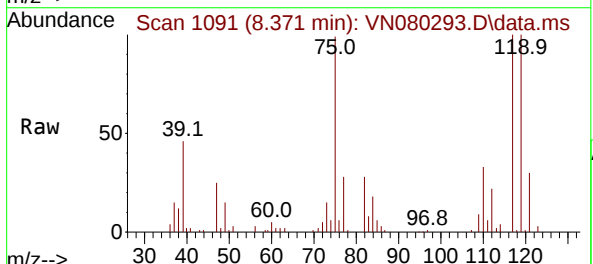
Tgt Ion:113 Resp: 14210
Ion Ratio Lower Upper
113 100
111 100.2 82.6 123.8
192 18.7 12.7 19.1

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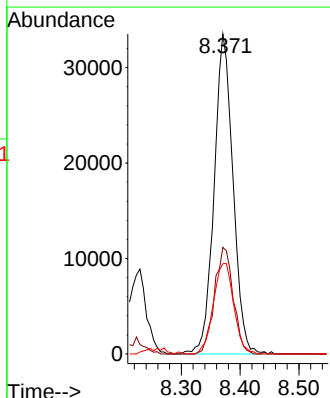
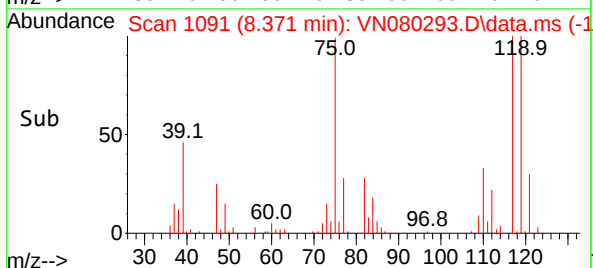
Reviewed By :John Carbone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

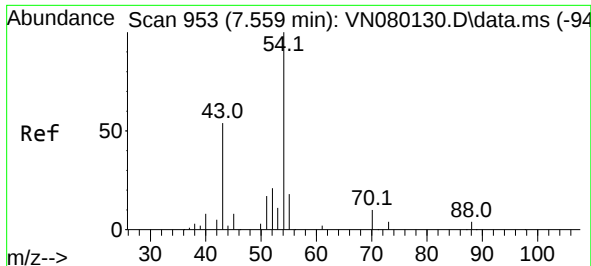


#36
1,1-Dichloropropene
Concen: 18.922 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40



Tgt Ion: 75 Resp: 74922
Ion Ratio Lower Upper
75 100
110 33.1 19.1 57.3
77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 19.649 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080293.D

Acq: 28 Nov 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBSD01

Tgt Ion: 43 Resp: 5396

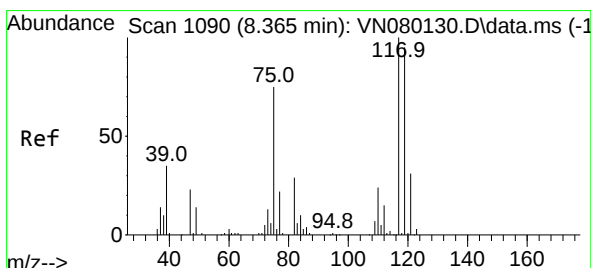
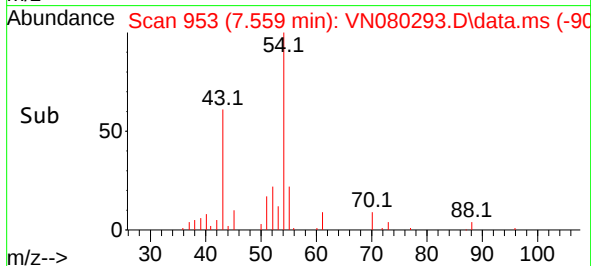
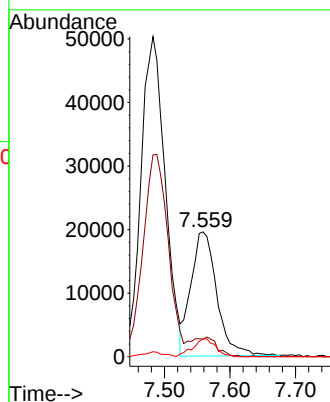
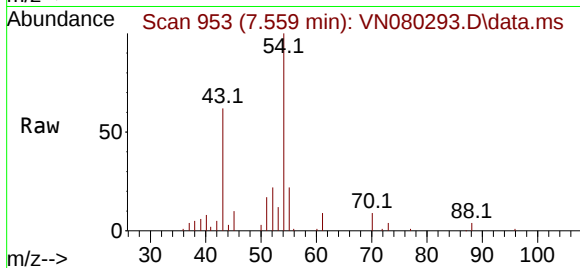
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.2	19.8
70	12.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#38

Carbon Tetrachloride

Concen: 18.782 ug/l

RT: 8.359 min Scan# 1089

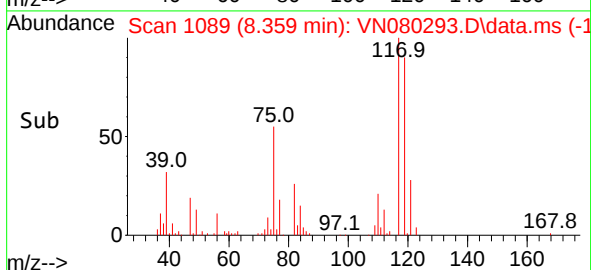
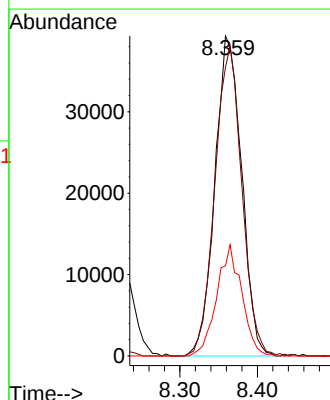
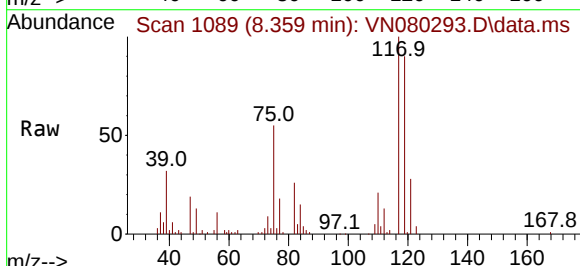
Delta R.T. -0.006 min

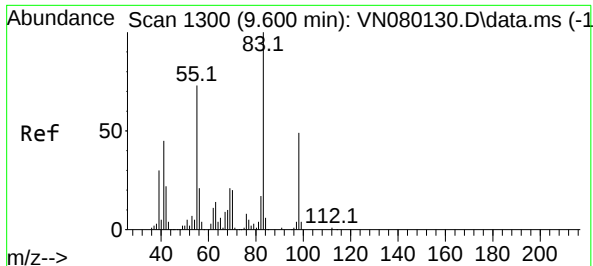
Lab File: VN080293.D

Acq: 28 Nov 2023 13:40

Tgt Ion:117 Resp: 94374

Ion	Ratio	Lower	Upper
117	100		
119	90.2	77.3	115.9
121	28.2	23.3	34.9





#39

Methylcyclohexane

Concen: 16.982 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080293.D

Acq: 28 Nov 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

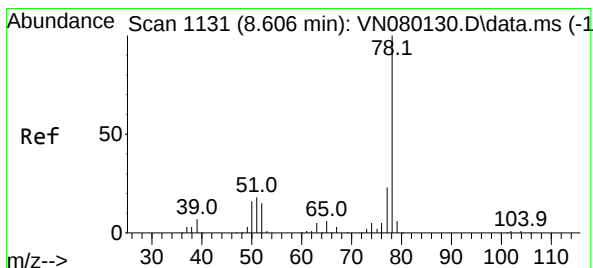
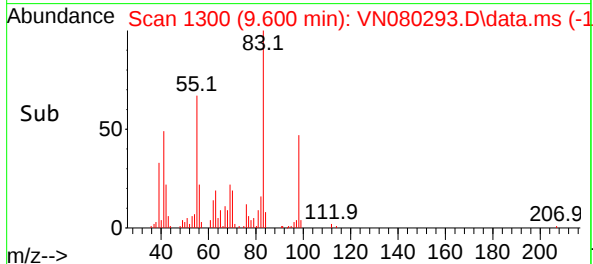
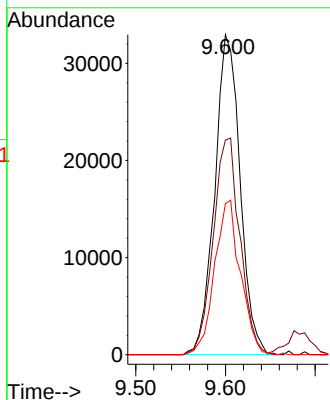
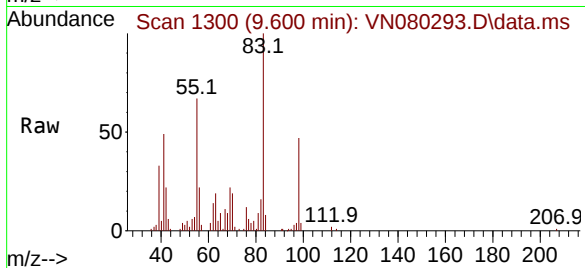
VN1128WBSD01

Tgt Ion: 83 Resp: 64834
 Ion Ratio Lower Upper
 83 100
 55 67.0 49.1 73.7
 98 47.2 40.6 61.0

Manual Integrations

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



#40

Benzene

Concen: 19.413 ug/l

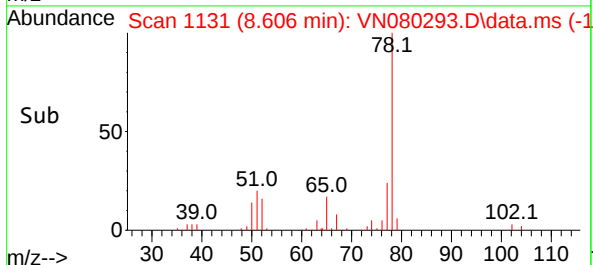
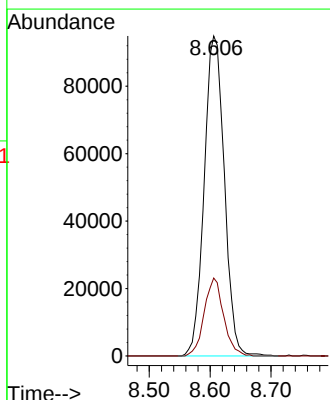
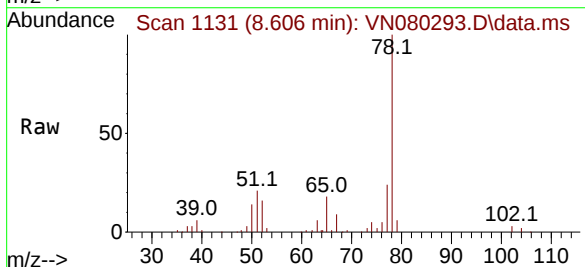
RT: 8.606 min Scan# 1131

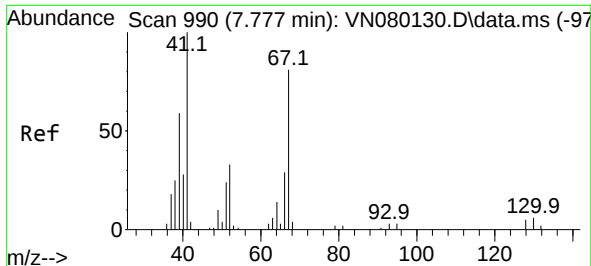
Delta R.T. -0.000 min

Lab File: VN080293.D

Acq: 28 Nov 2023 13:40

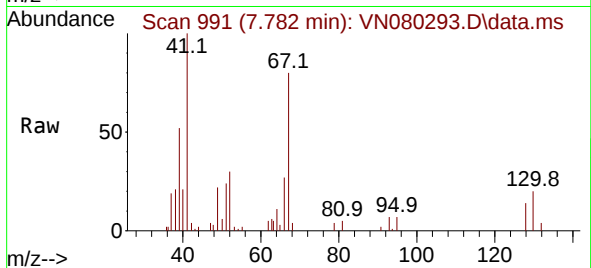
Tgt Ion: 78 Resp: 218465
 Ion Ratio Lower Upper
 78 100
 77 24.3 19.0 28.6





#41
Methacrylonitrile
Concen: 17.550 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

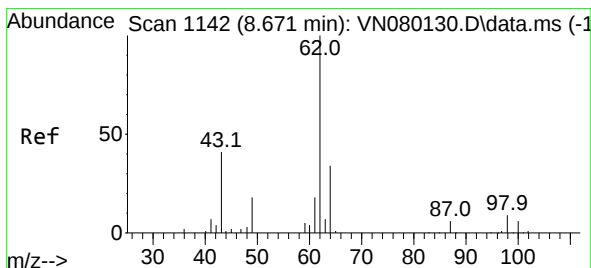
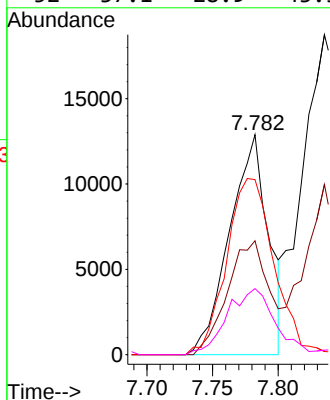
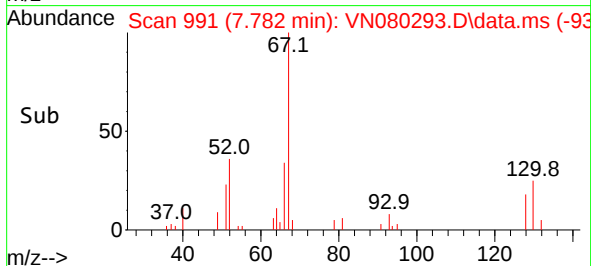
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01



Tgt Ion: 41 Resp: 26470
Ion Ratio Lower Upper
41 100
39 55.2 42.6 64.0
67 98.8 77.5 116.3
52 37.1 28.9 43.3

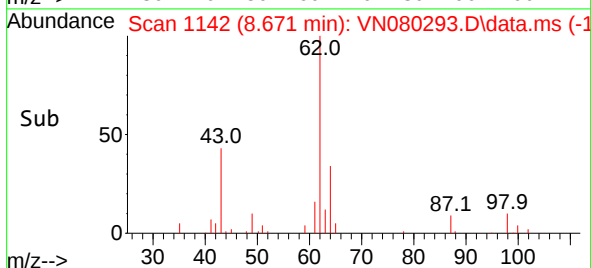
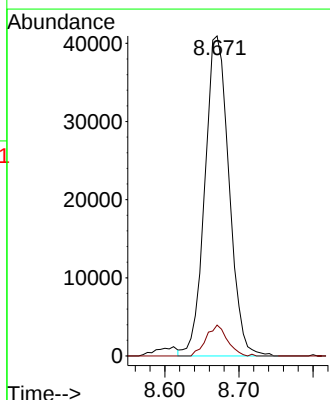
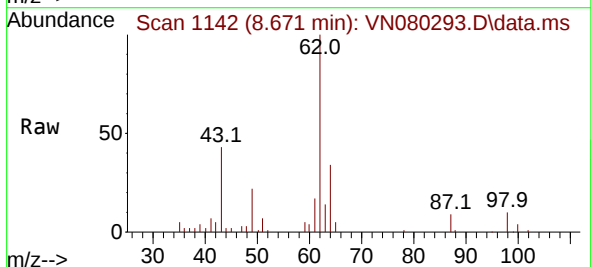
Manual Integrations
APPROVED

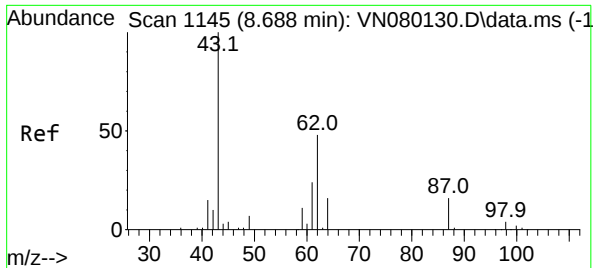
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#42
1,2-Dichloroethane
Concen: 20.174 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

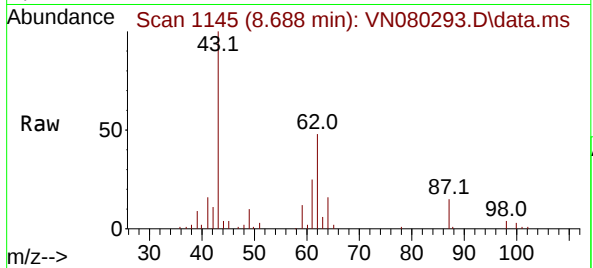
Tgt Ion: 62 Resp: 92884
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 16.671 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

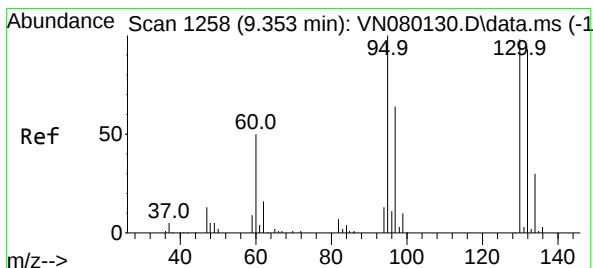
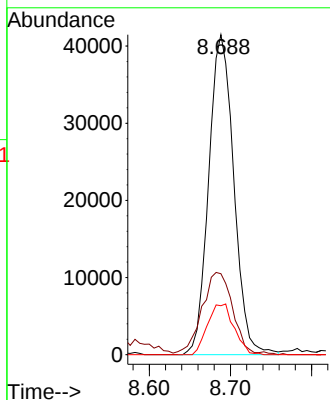
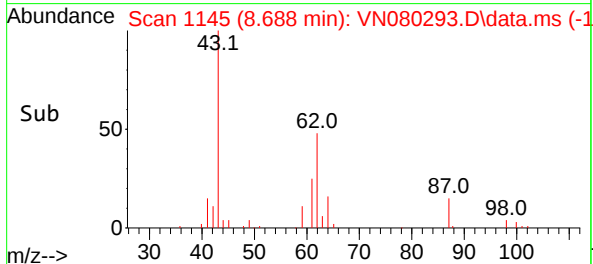
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01



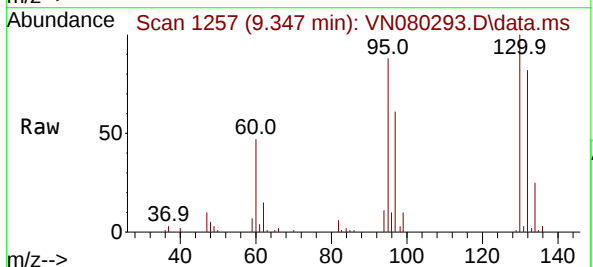
Tgt Ion: 43 Resp: 8910
Ion Ratio Lower Upper
43 100
61 31.7 24.7 37.1
87 16.6 14.6 21.8

Manual Integrations
APPROVED

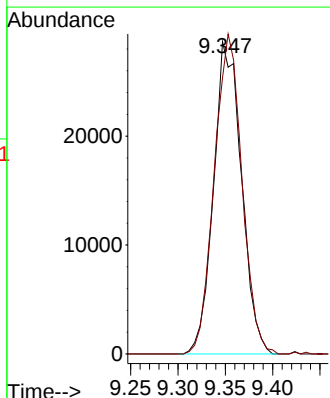
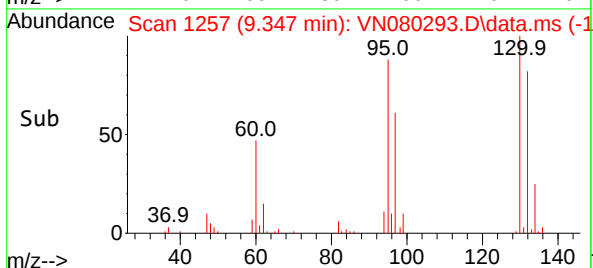
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

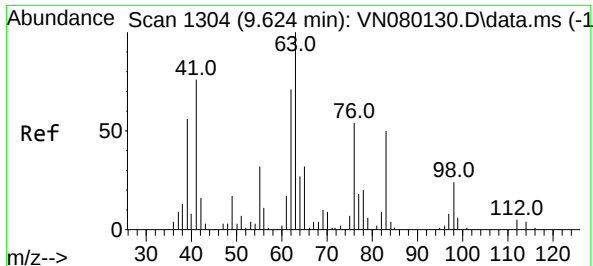


#44
Trichloroethene
Concen: 19.882 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40



Tgt Ion:130 Resp: 58690
Ion Ratio Lower Upper
130 100
95 88.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.484 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080293.D

Acq: 28 Nov 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBSD01

Tgt Ion: 63 Resp: 5357

Ion Ratio Lower Upper

63 100

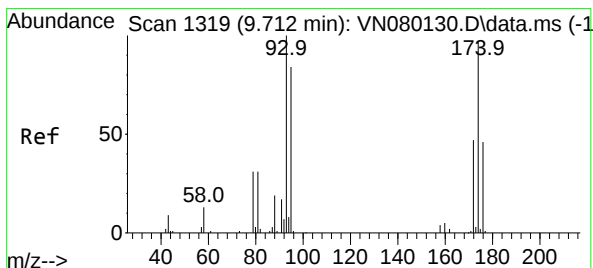
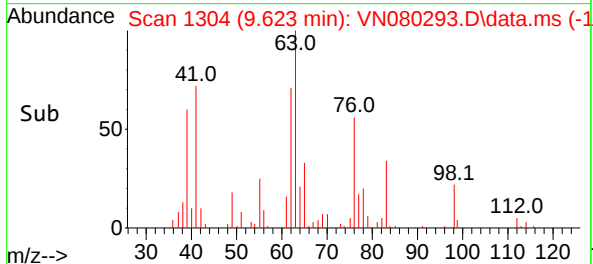
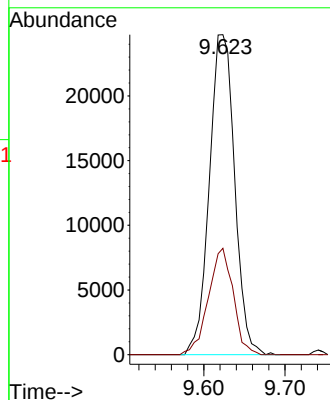
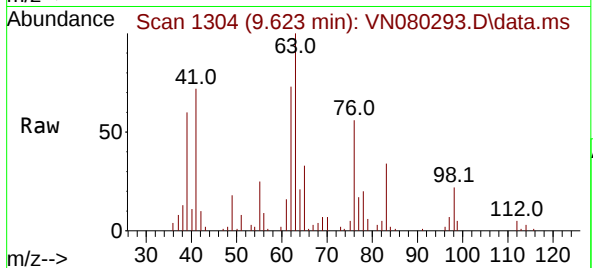
65 33.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#46

Dibromomethane

Concen: 20.960 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080293.D

Acq: 28 Nov 2023 13:40

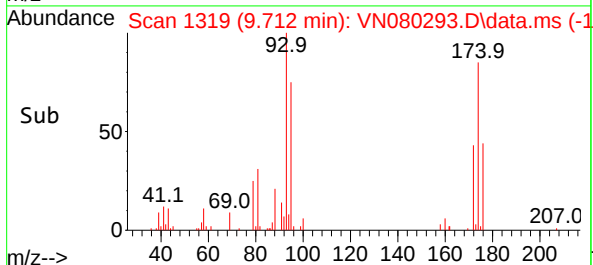
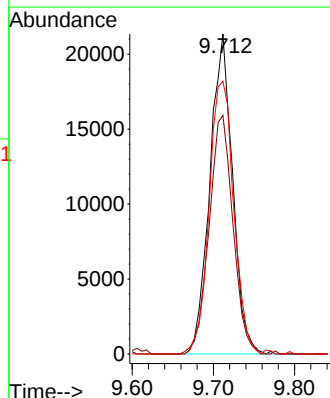
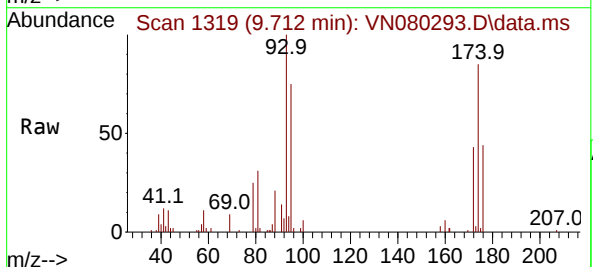
Tgt Ion: 93 Resp: 41494

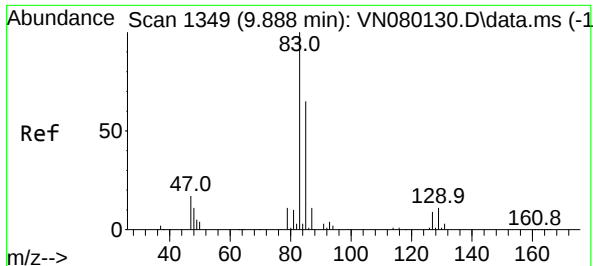
Ion Ratio Lower Upper

93 100

95 78.6 63.8 95.8

174 92.1 65.6 98.4





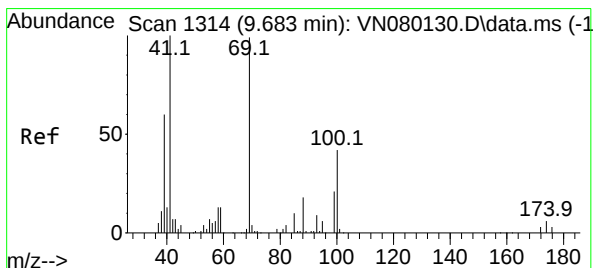
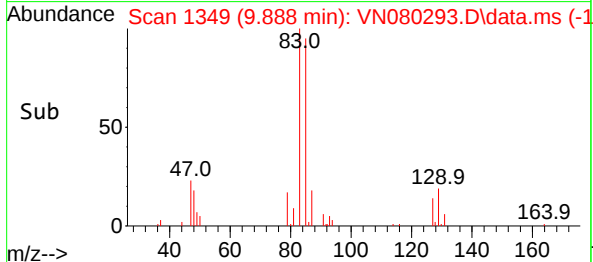
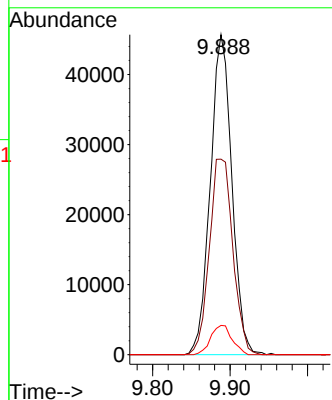
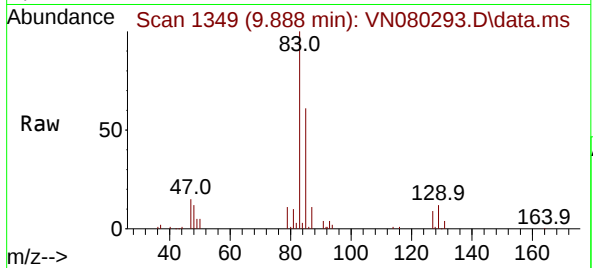
#47
Bromodichloromethane
Concen: 20.258 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion: 83 Resp: 8821
Ion Ratio Lower Upper
83 100
85 61.1 49.6 74.4
127 9.2 7.0 10.6

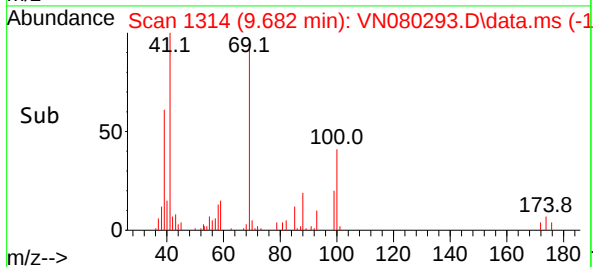
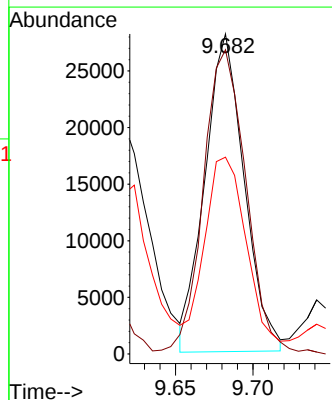
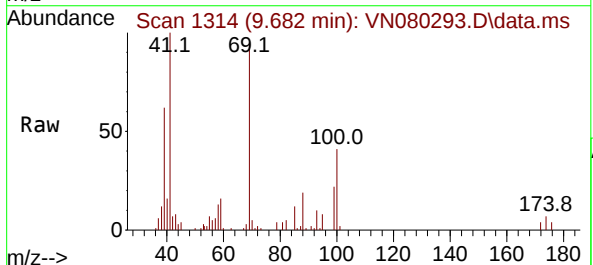
Manual Integrations
APPROVED

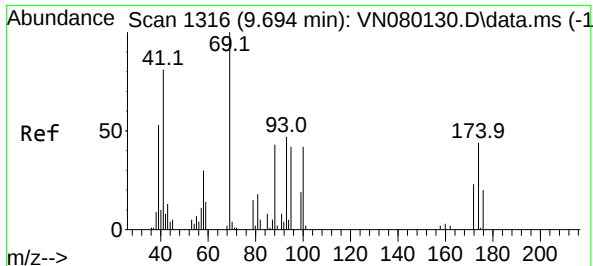
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#48
Methyl methacrylate
Concen: 17.983 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion: 41 Resp: 49531
Ion Ratio Lower Upper
41 100
69 104.6 90.4 135.6
39 67.6 54.6 81.8





#49

1,4-Dioxane

Concen: 357.522 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080293.D

Acq: 28 Nov 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBSD01

Tgt Ion: 88 Resp: 1638

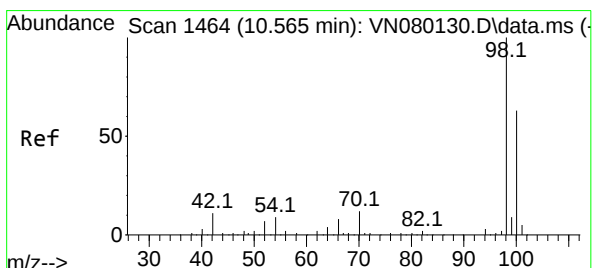
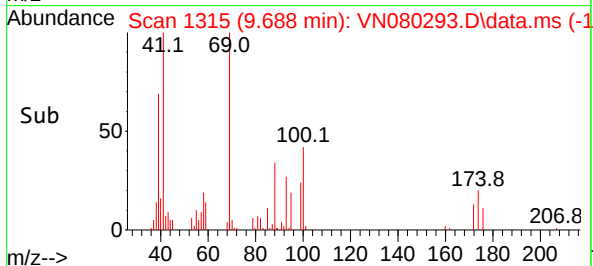
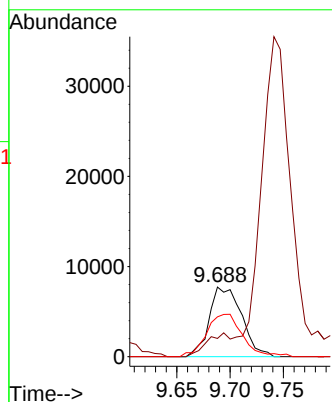
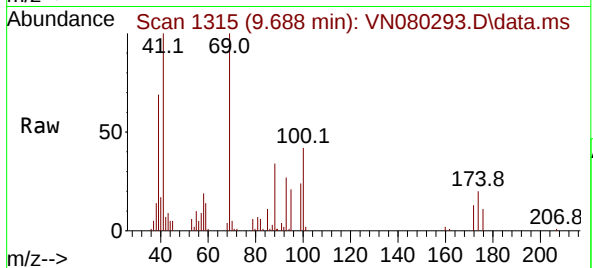
Ion	Ratio	Lower	Upper
88	100		
43	24.4	17.0	25.6
58	67.5	47.0	70.4

Manual Integrations

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Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#50

Toluene-d8

Concen: 49.877 ug/l

RT: 10.570 min Scan# 1465

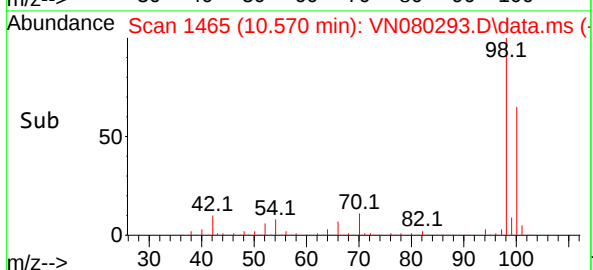
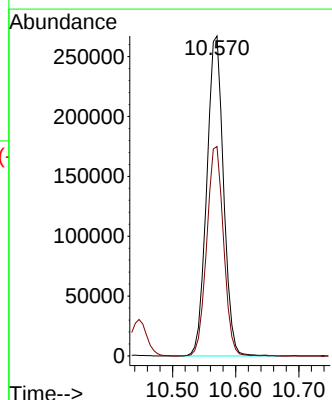
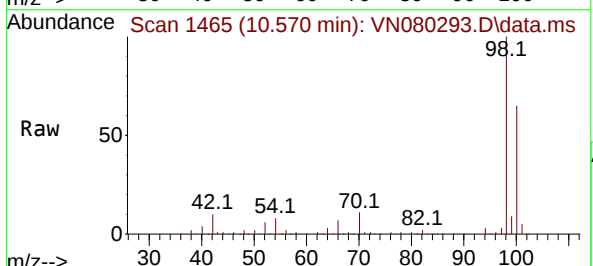
Delta R.T. 0.006 min

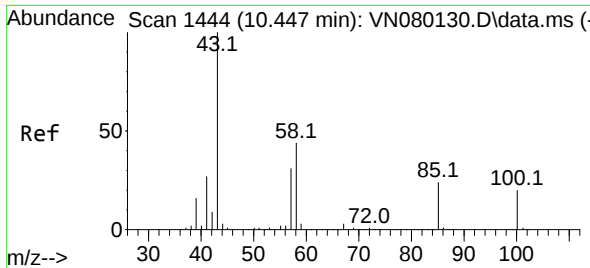
Lab File: VN080293.D

Acq: 28 Nov 2023 13:40

Tgt Ion: 98 Resp: 491726

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.0	78.0





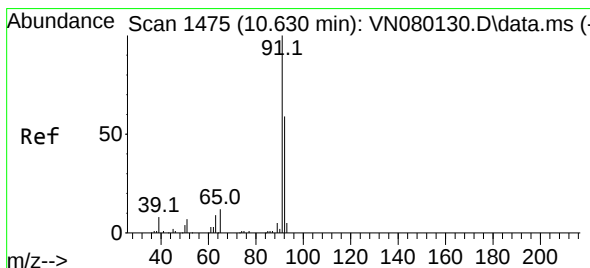
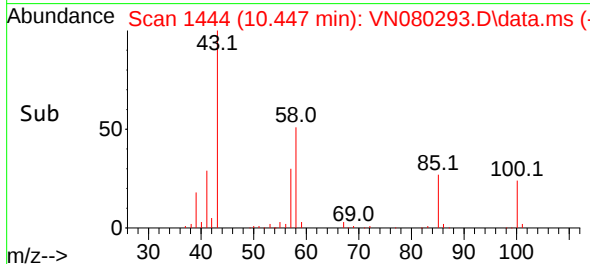
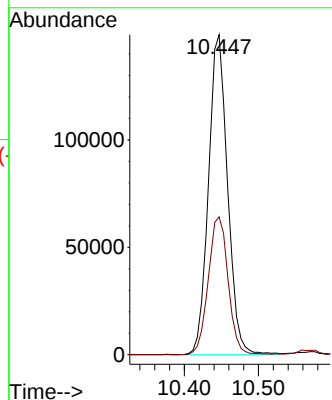
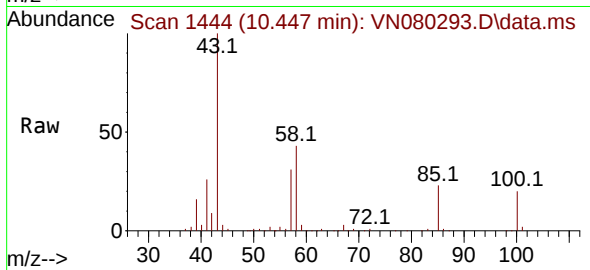
#51
4-Methyl-2-Pentanone
Concen: 96.530 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion: 43 Resp: 26710
Ion Ratio Lower Upper
43 100
58 44.7 36.6 54.8

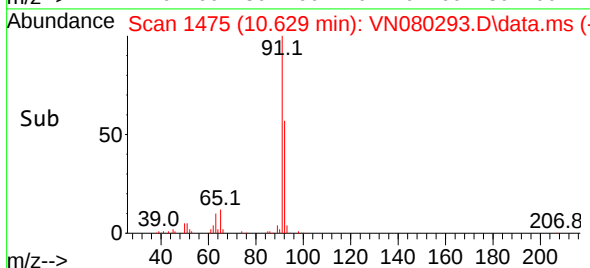
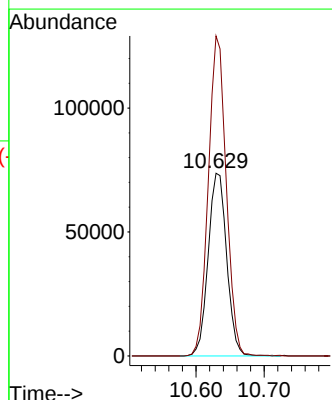
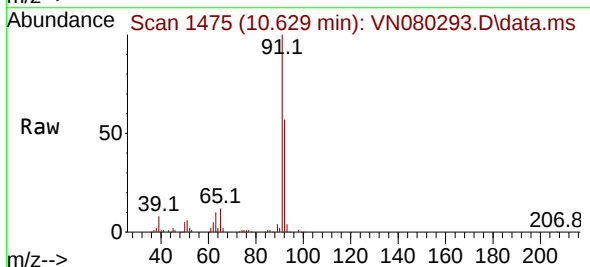
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 19.804 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion: 92 Resp: 139472
Ion Ratio Lower Upper
92 100
91 169.1 137.4 206.0





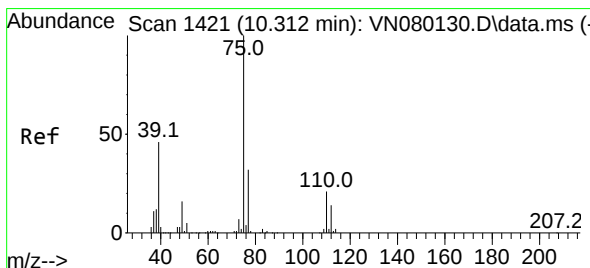
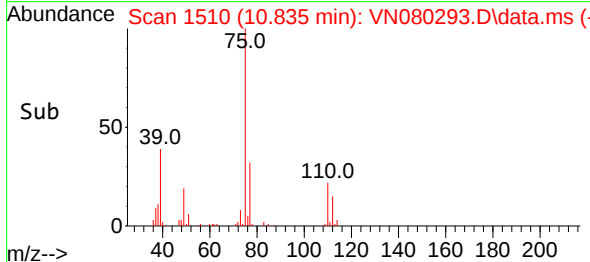
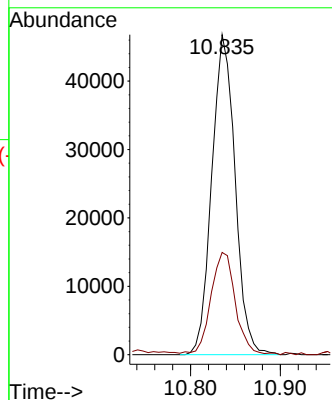
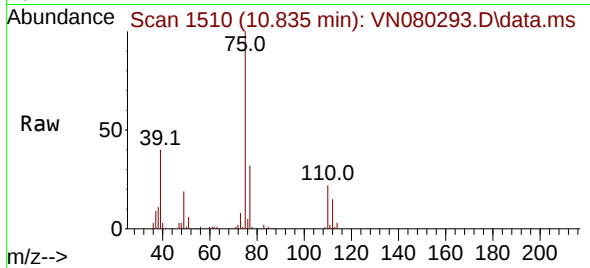
#53
t-1,3-Dichloropropene
Concen: 18.838 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion: 75 Resp: 8428
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

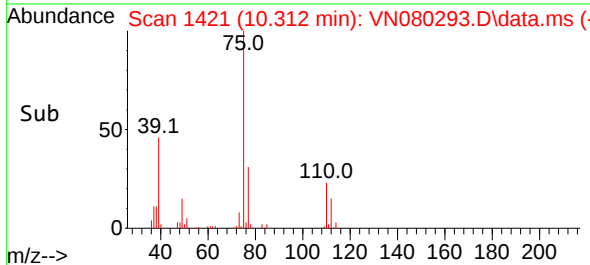
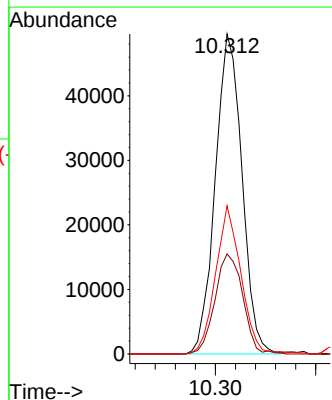
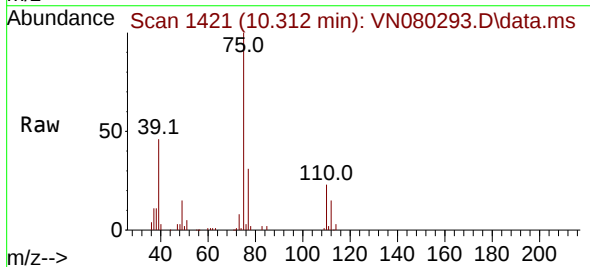
Manual Integrations
APPROVED

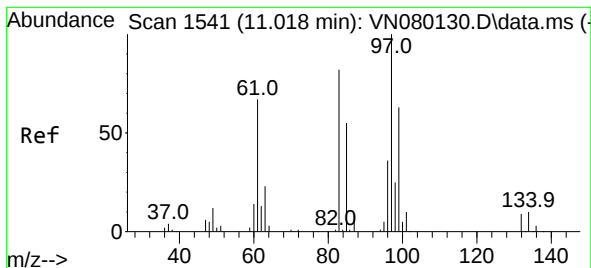
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#54
cis-1,3-Dichloropropene
Concen: 20.064 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

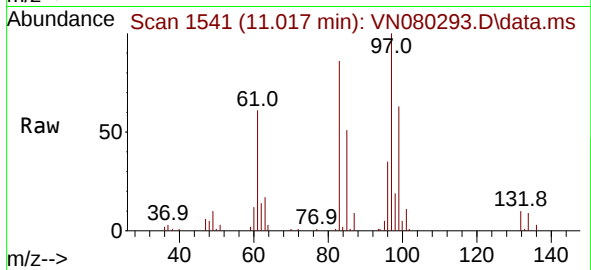
Tgt Ion: 75 Resp: 91710
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 46.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.774 ug/l
RT: 11.017 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

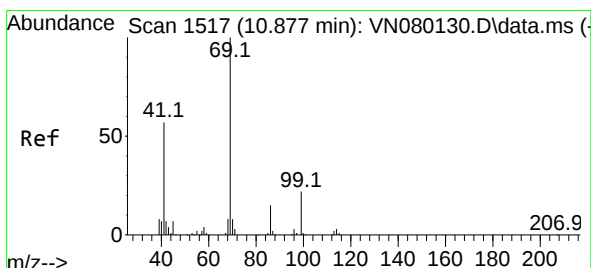
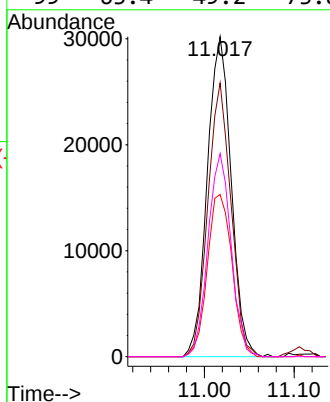
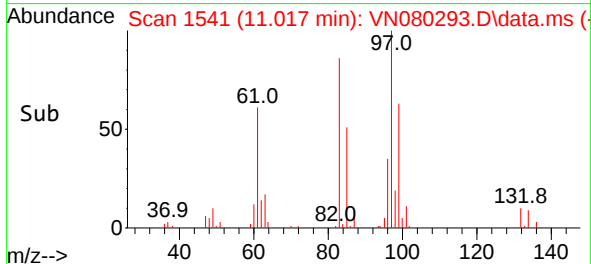


Tgt Ion: 97 Resp: 5584

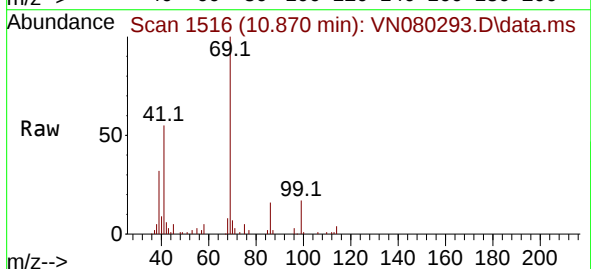
Ion	Ratio	Lower	Upper
97	100		
83	85.6	65.1	97.7
85	50.7	43.4	65.2
99	63.4	49.2	73.8

Manual Integrations
APPROVED

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

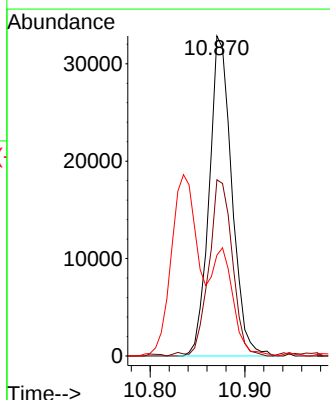
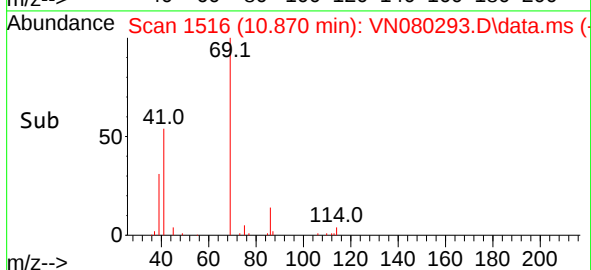


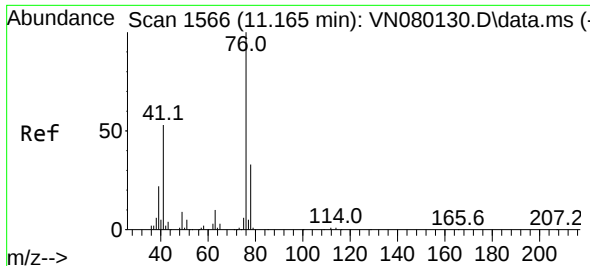
#56
Ethyl methacrylate
Concen: 19.844 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40



Tgt Ion: 69 Resp: 54493

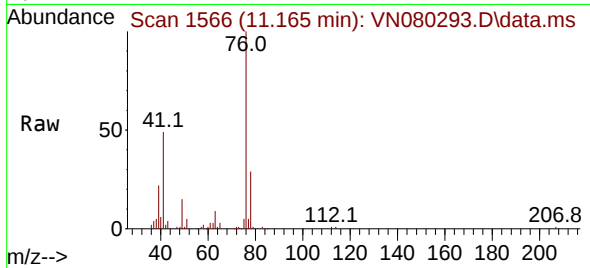
Ion	Ratio	Lower	Upper
69	100		
41	57.2	39.6	59.4
39	32.2	28.6	43.0





#57
1,3-Dichloropropane
Concen: 20.410 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

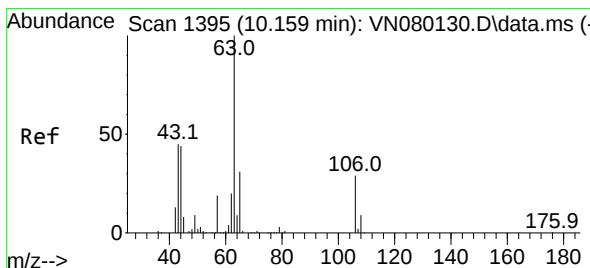
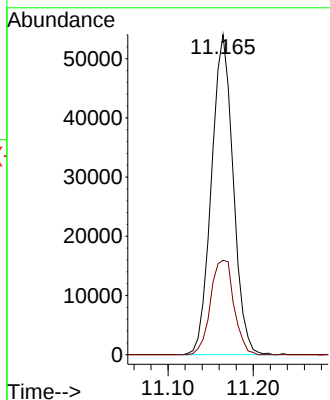
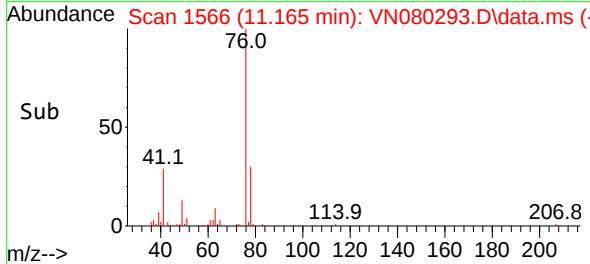
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01



Tgt Ion: 76 Resp: 95780
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1

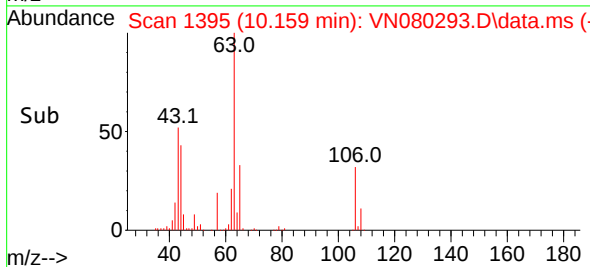
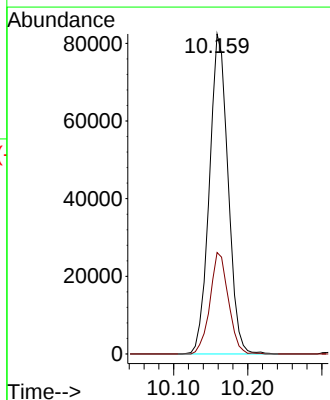
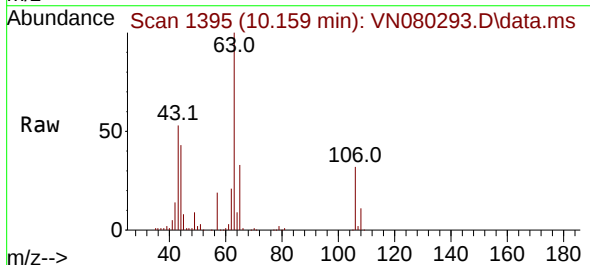
Manual Integrations
APPROVED

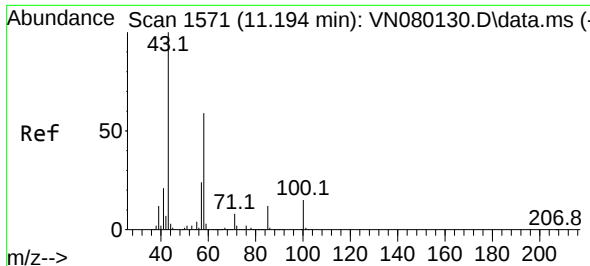
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#58
2-Chloroethyl Vinyl ether
Concen: 93.041 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

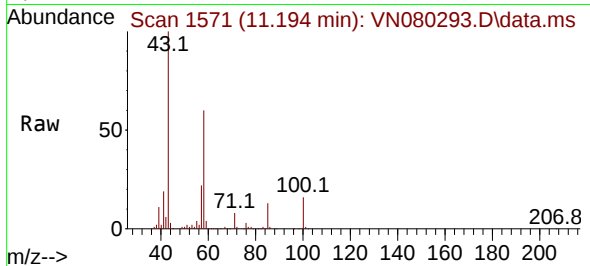
Tgt Ion: 63 Resp: 143937
Ion Ratio Lower Upper
63 100
106 31.2 26.2 39.4





#59
2-Hexanone
Concen: 87.680 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

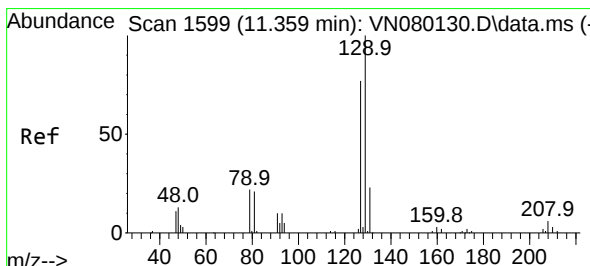
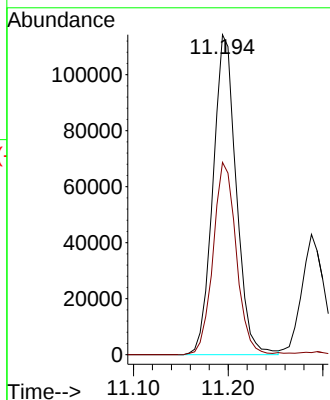
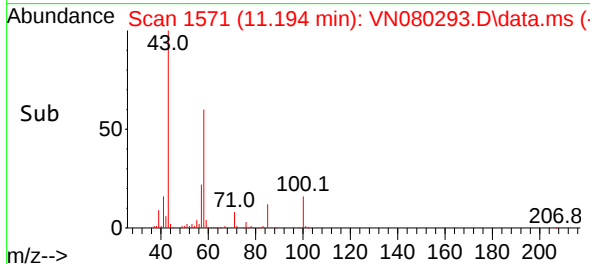
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01



Tgt Ion: 43 Resp: 19495
Ion Ratio Lower Upper
43 100
58 59.8 31.7 95.1

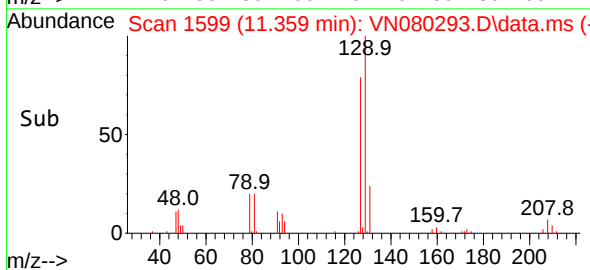
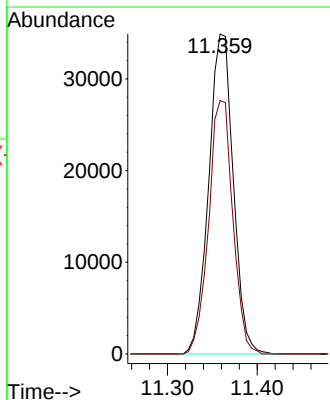
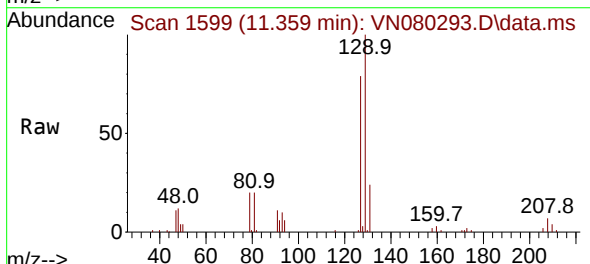
Manual Integrations
APPROVED

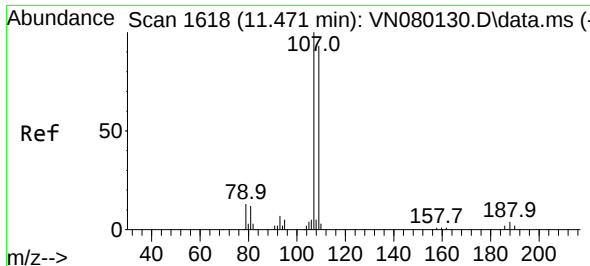
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#60
Dibromochloromethane
Concen: 20.620 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion:129 Resp: 66359
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





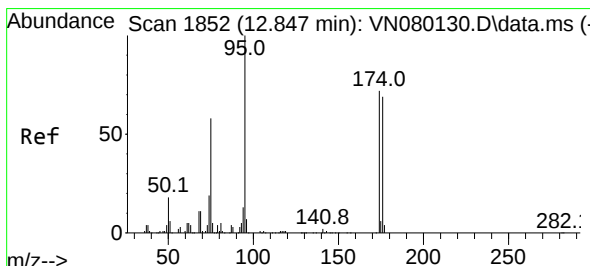
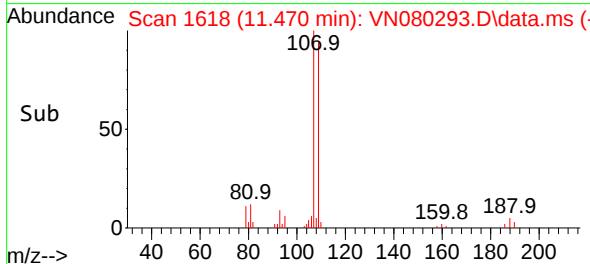
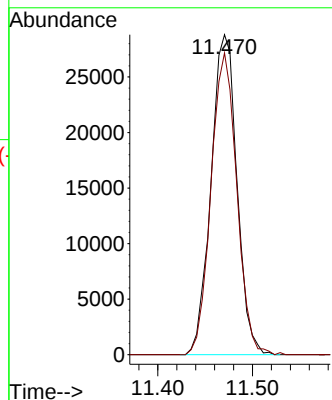
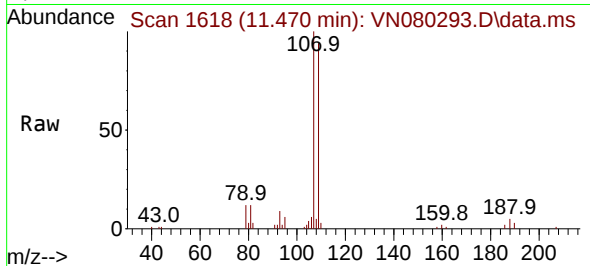
#61
1,2-Dibromoethane
Concen: 19.984 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion:107 Resp: 5480
Ion Ratio Lower Upper
107 100
109 93.7 76.6 114.8

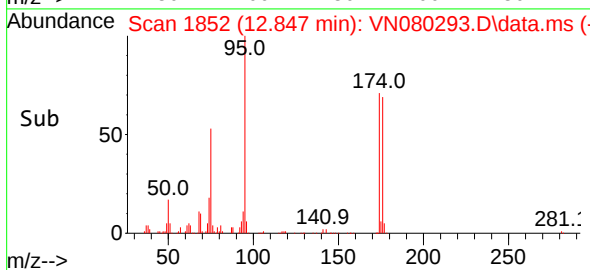
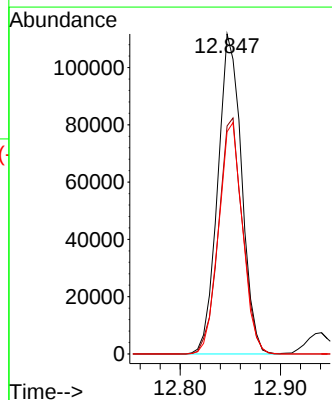
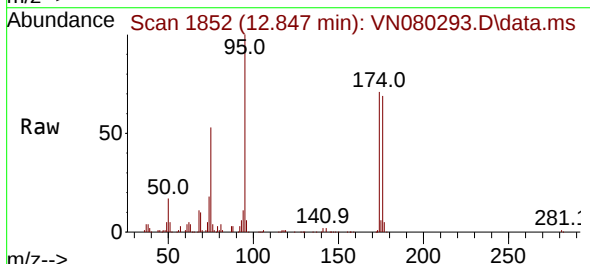
Manual Integrations
APPROVED

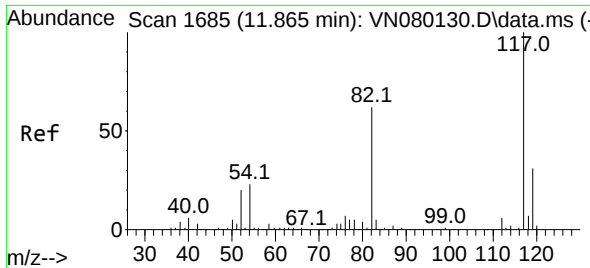
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#62
4-Bromofluorobenzene
Concen: 49.529 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion: 95 Resp: 184436
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 72.3 0.0 135.8





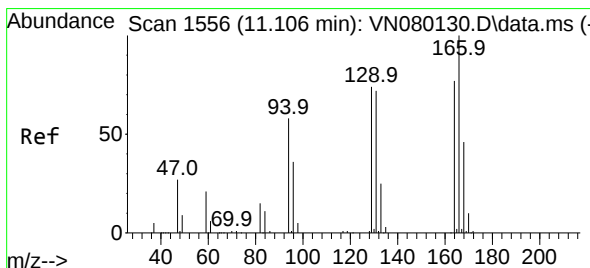
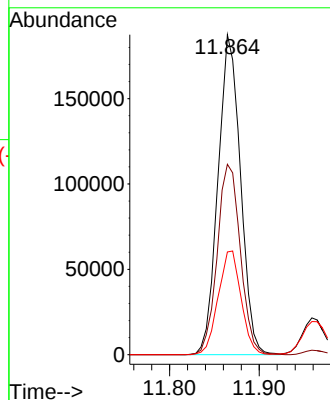
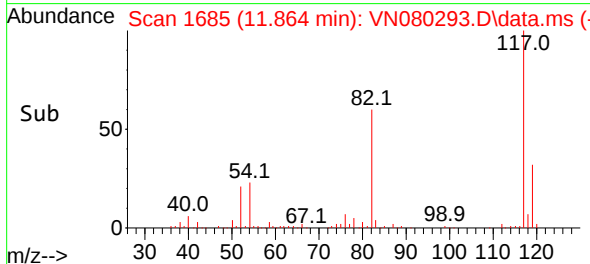
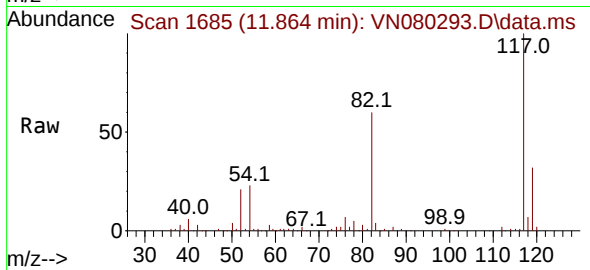
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion:117 Resp: 32625
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 32.1 25.6 38.4

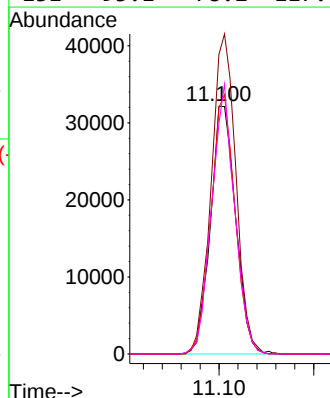
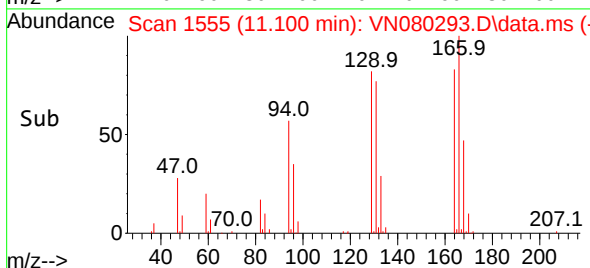
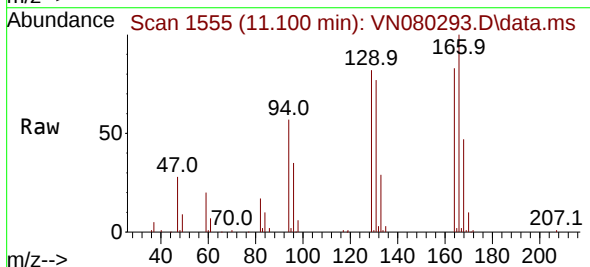
Manual Integrations
APPROVED

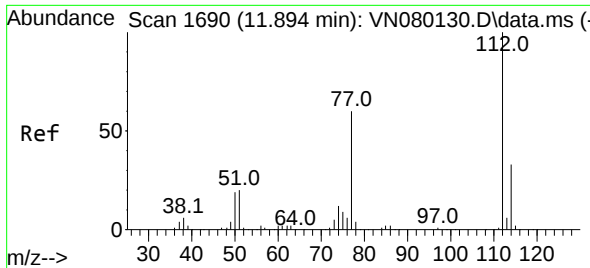
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#64
Tetrachloroethene
Concen: 23.931 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion:164 Resp: 59586
Ion Ratio Lower Upper
164 100
166 121.0 101.4 152.0
129 99.4 82.4 123.6
131 93.1 78.2 117.4





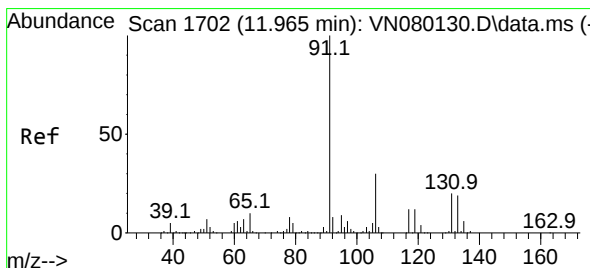
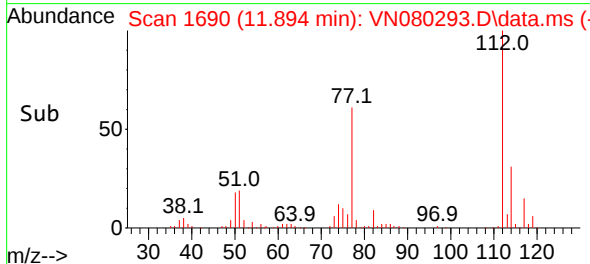
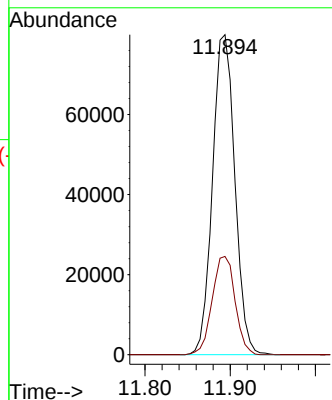
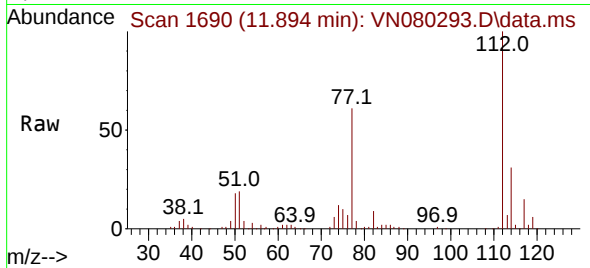
#65
Chlorobenzene
Concen: 19.702 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion:112 Resp: 145654
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.4

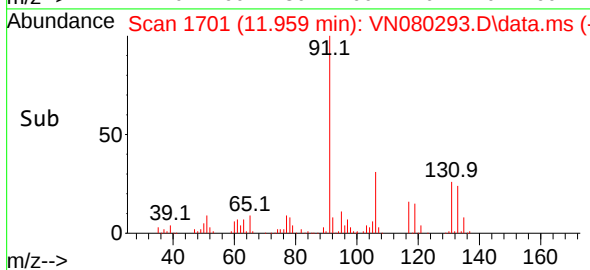
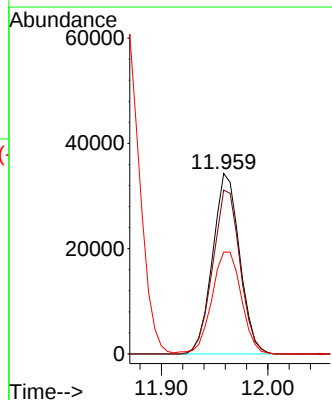
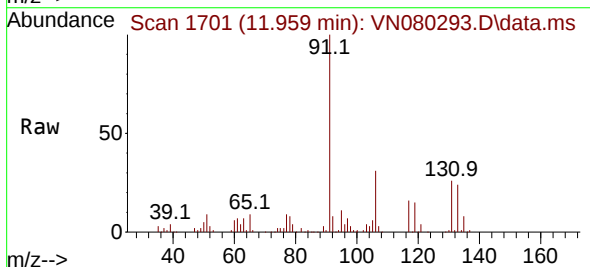
Manual Integrations
APPROVED

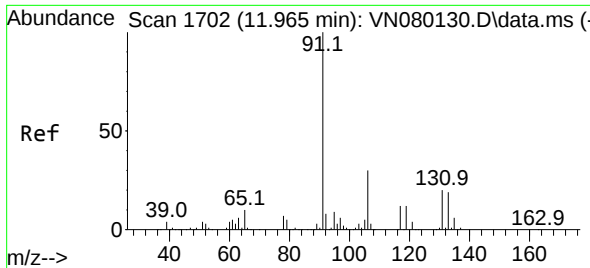
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.037 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion:131 Resp: 60351
Ion Ratio Lower Upper
131 100
133 92.2 46.4 139.1
119 61.7 34.1 102.2





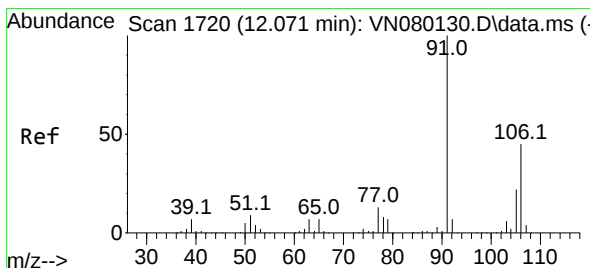
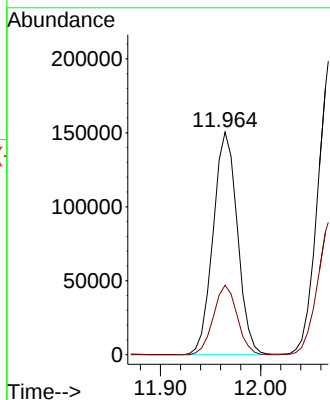
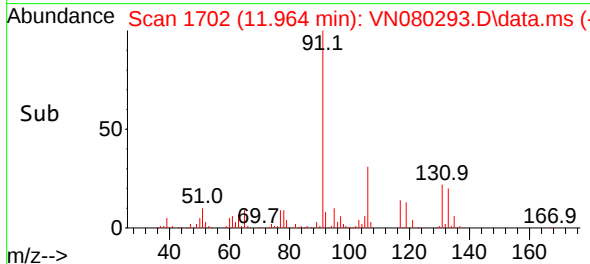
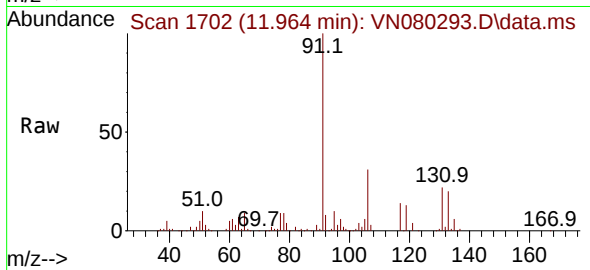
#67
Ethyl Benzene
Concen: 19.240 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion: 91 Resp: 25310
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

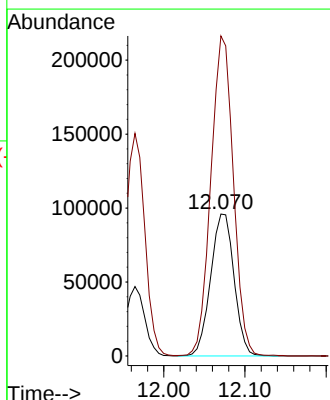
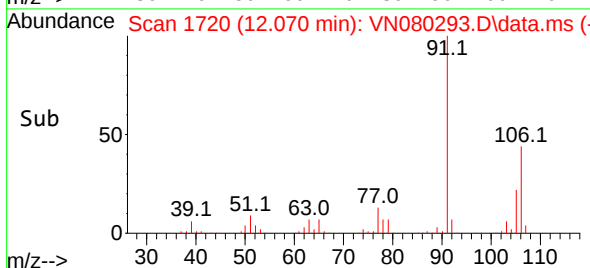
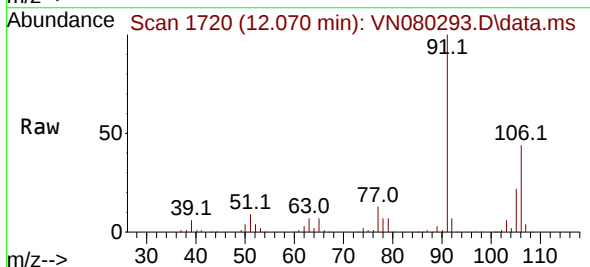
Manual Integrations
APPROVED

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



#68
m/p-Xylenes
Concen: 40.082 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion:106 Resp: 192250
Ion Ratio Lower Upper
106 100
91 217.2 159.6 239.4





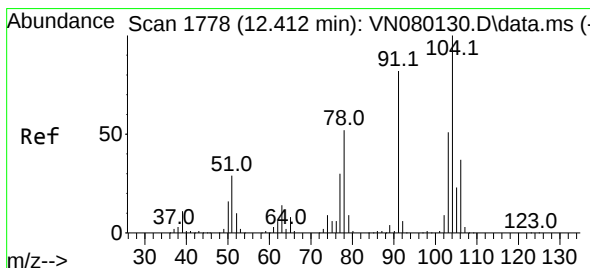
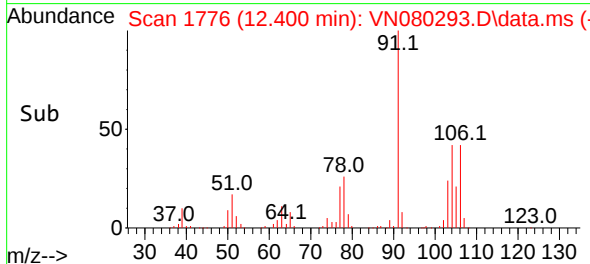
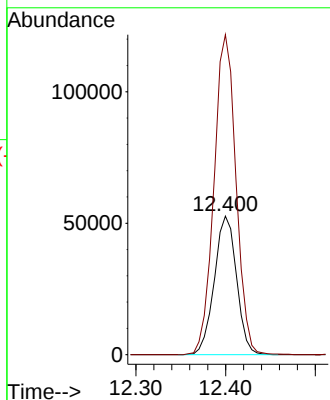
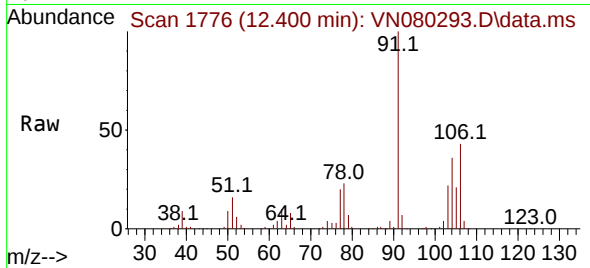
#69
o-Xylene
Concen: 20.059 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion:106 Resp: 90669
Ion Ratio Lower Upper
106 100
91 228.9 105.2 315.5

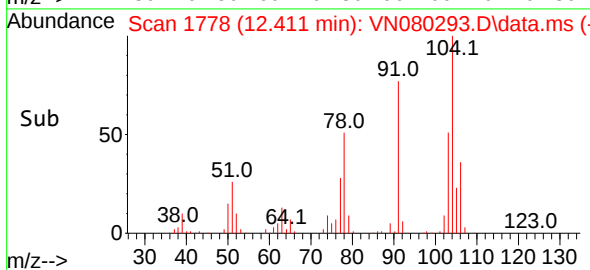
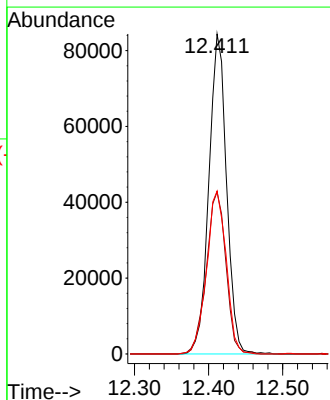
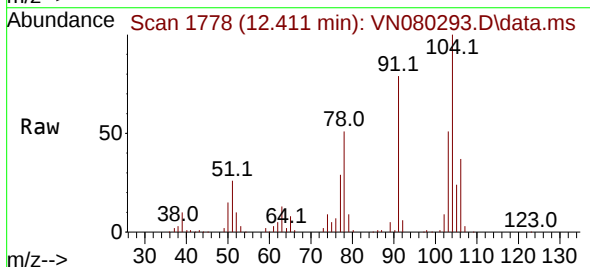
Manual Integrations
APPROVED

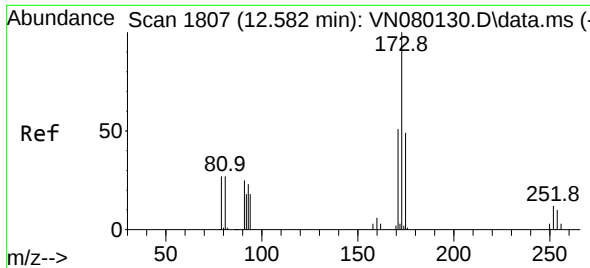
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#70
Styrene
Concen: 20.788 ug/l
RT: 12.411 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion:104 Resp: 139857
Ion Ratio Lower Upper
104 100
78 55.8 39.5 59.3
103 56.4 43.2 64.8





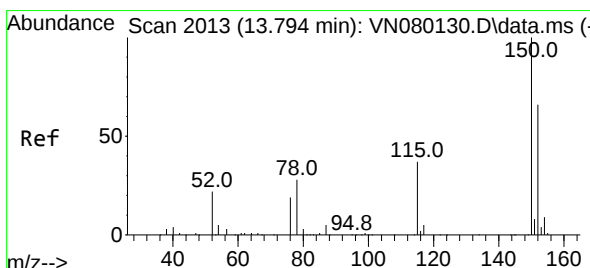
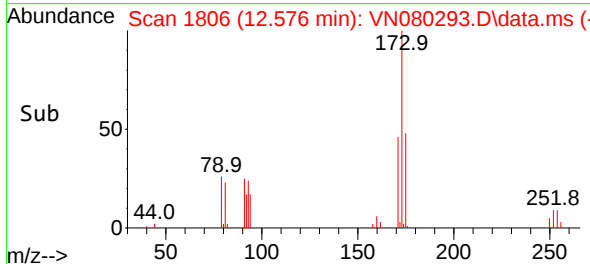
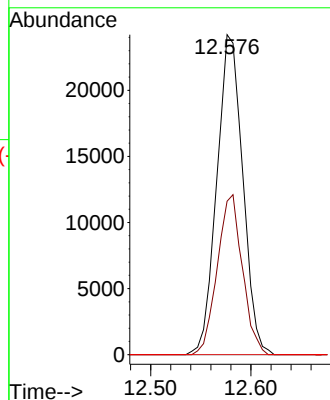
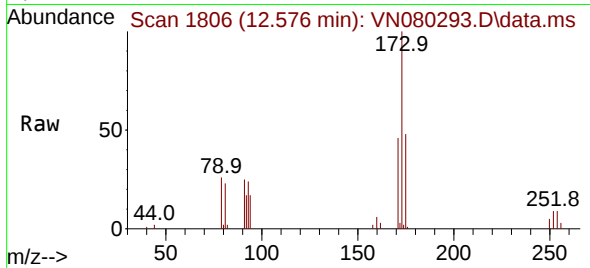
#71
Bromoform
Concen: 20.402 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion:173 Resp: 43400
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.0 0.0

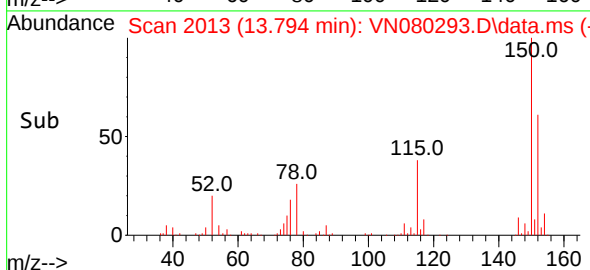
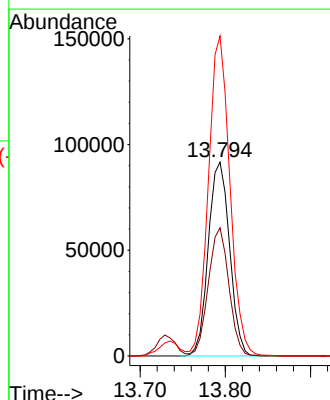
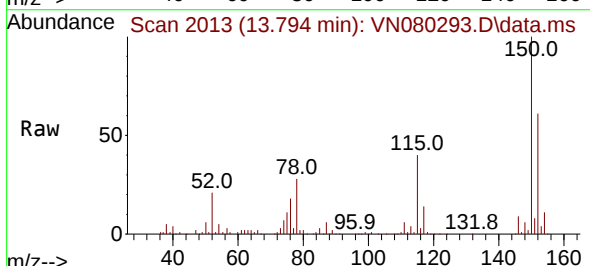
Manual Integrations
APPROVED

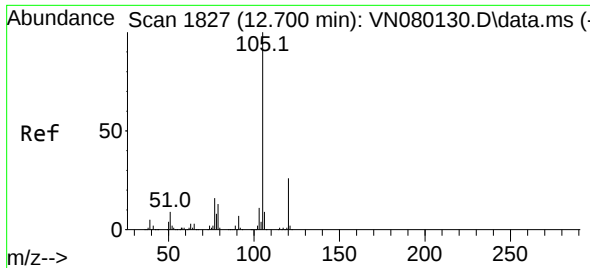
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

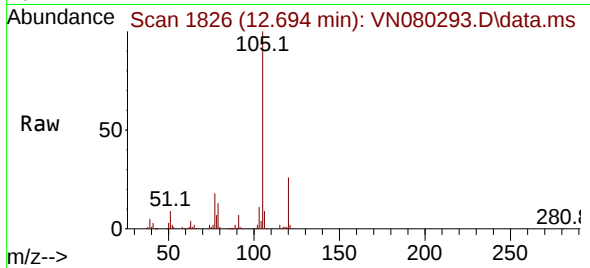
Tgt Ion:152 Resp: 158954
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 166.3 0.0 355.8





#73
Isopropylbenzene
Concen: 19.166 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

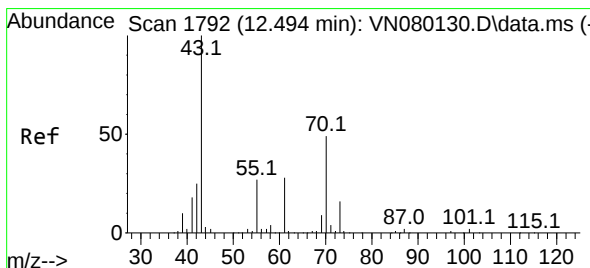
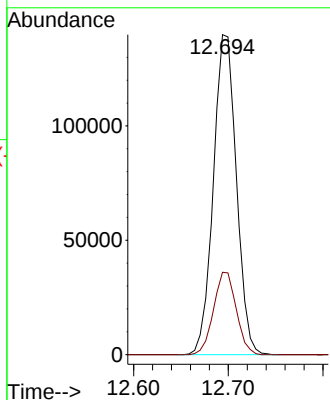
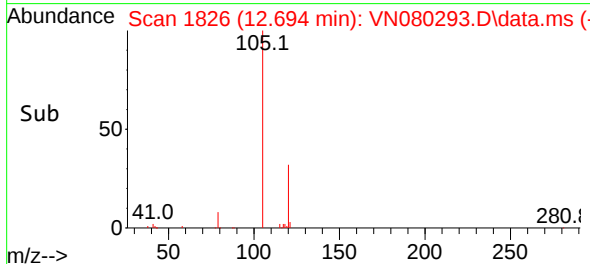
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01



Tgt Ion:105 Resp: 23674
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

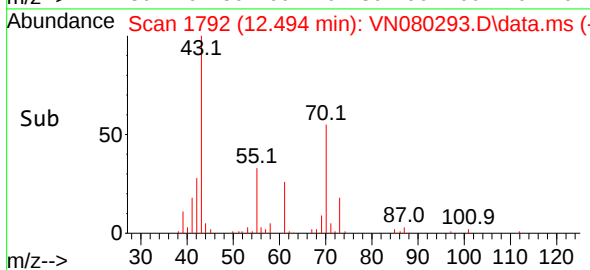
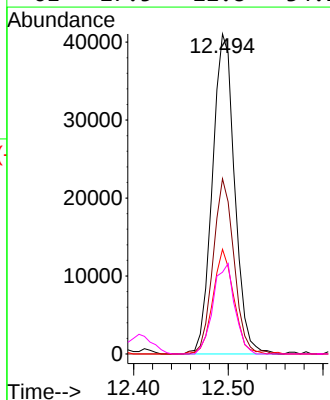
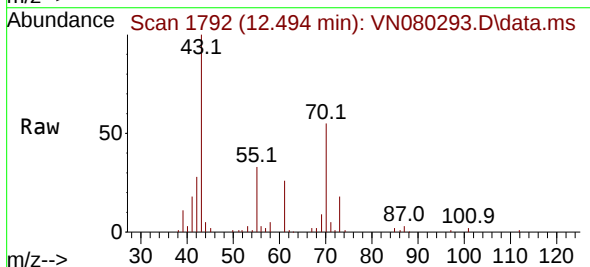
Manual Integrations
APPROVED

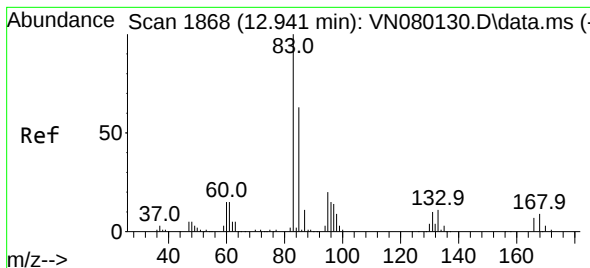
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#74
N-ethyl acetate
Concen: 17.395 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

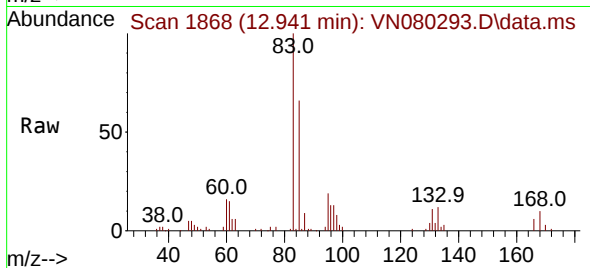
Tgt Ion: 43 Resp: 67002
Ion Ratio Lower Upper
43 100
70 51.4 43.4 65.2
55 30.6 21.4 32.0
61 27.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.496 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

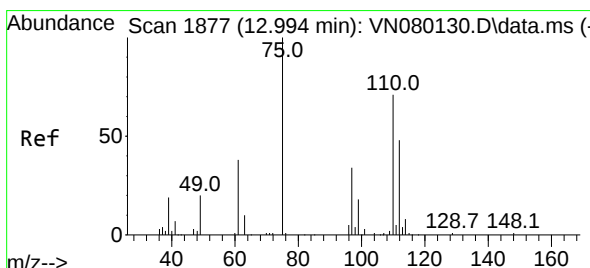
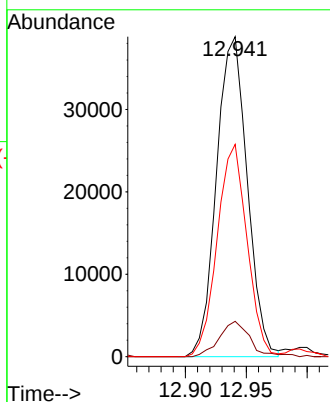
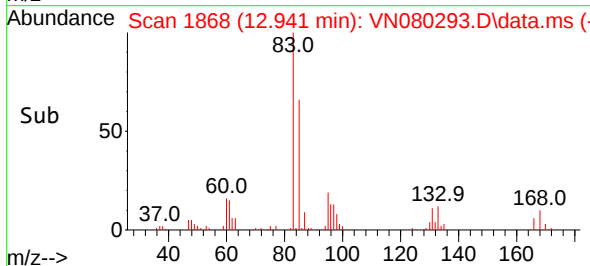
Instrument :
MSVOA_N
Client Sample Id :
VN1128WBSD01



Tgt Ion: 83 Resp: 68370
Ion Ratio Lower Upper
83 100
131 11.1 5.0 15.0
85 64.2 31.9 95.7

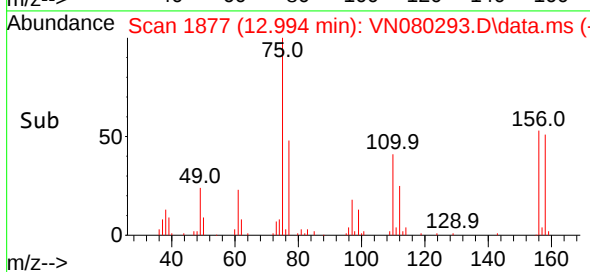
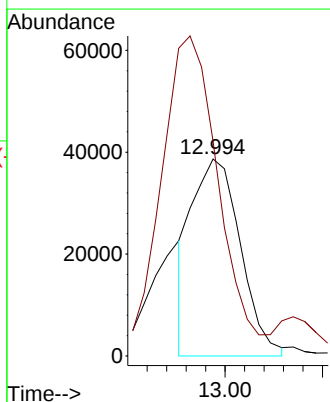
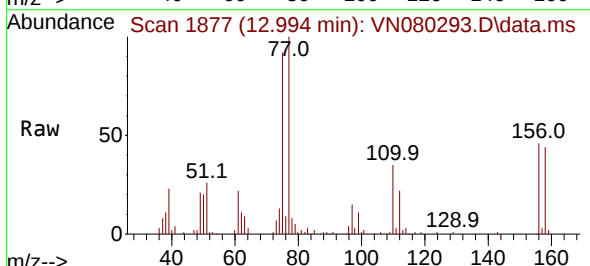
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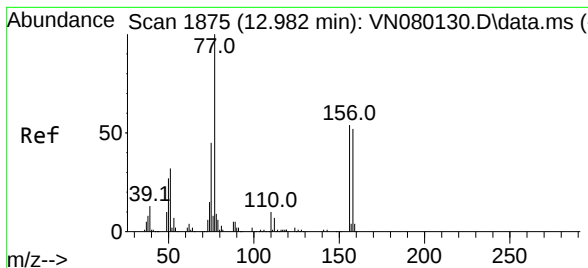
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#76
1,2,3-Trichloropropane
Concen: 17.242 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion: 75 Resp: 67151
Ion Ratio Lower Upper
75 100
77 190.9 84.5 253.5





#77

Bromobenzene

Concen: 19.922 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080293.D

Acq: 28 Nov 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBSD01

Tgt Ion:156 Resp: 62039

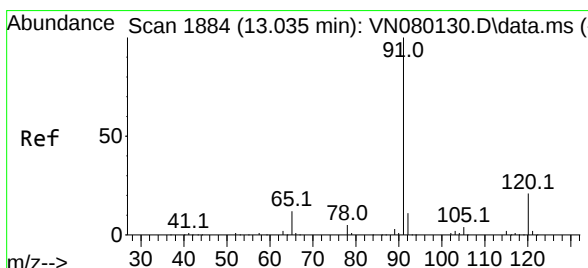
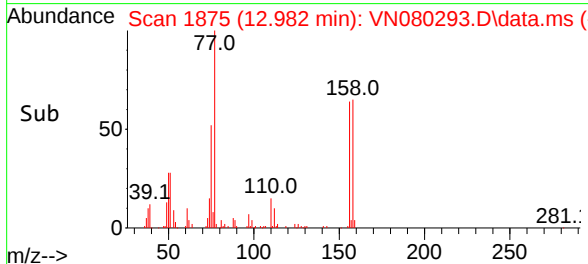
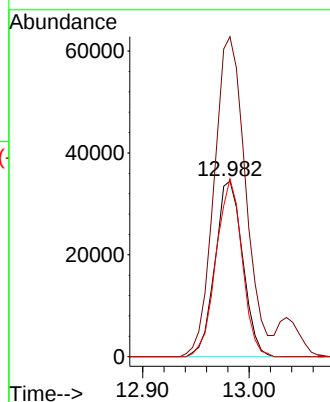
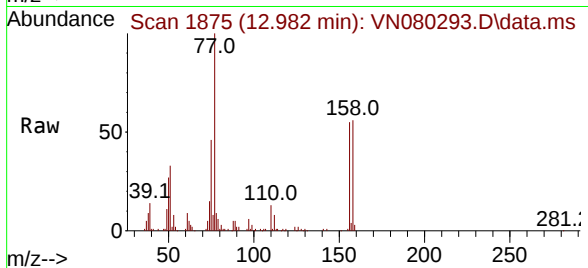
Ion	Ratio	Lower	Upper
156	100		
77	206.6	107.7	323.3
158	95.5	48.4	145.3

Manual Integrations

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Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#78

n-propylbenzene

Concen: 18.888 ug/l

RT: 13.035 min Scan# 1884

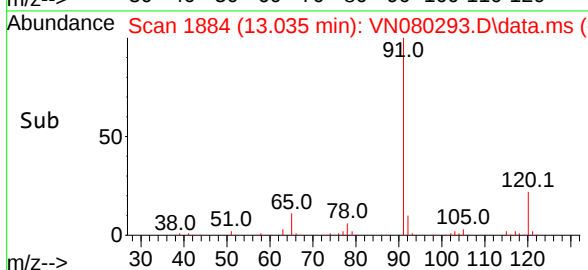
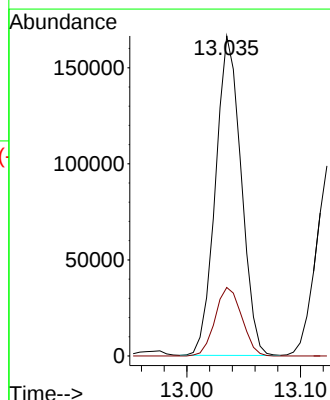
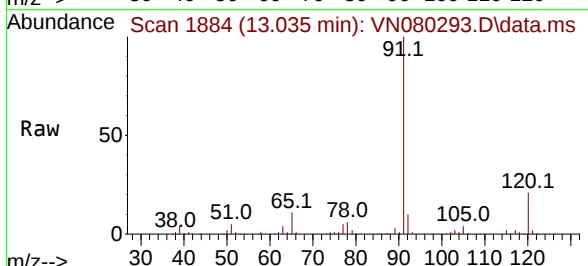
Delta R.T. -0.000 min

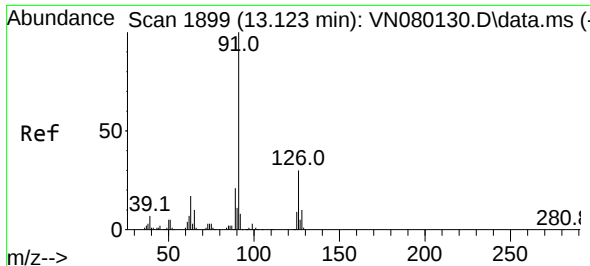
Lab File: VN080293.D

Acq: 28 Nov 2023 13:40

Tgt Ion: 91 Resp: 260893

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.5	34.4





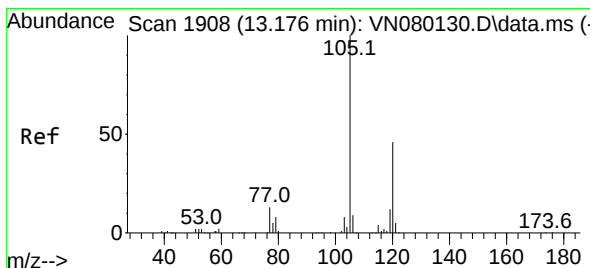
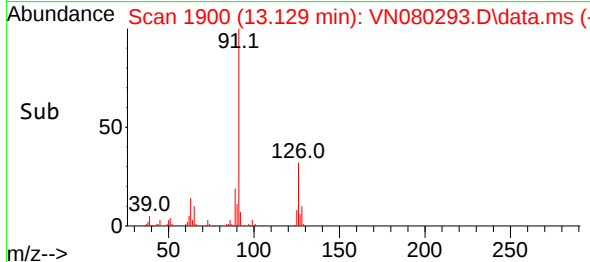
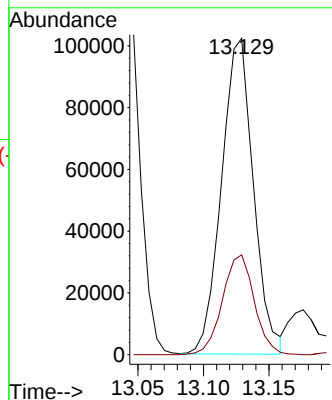
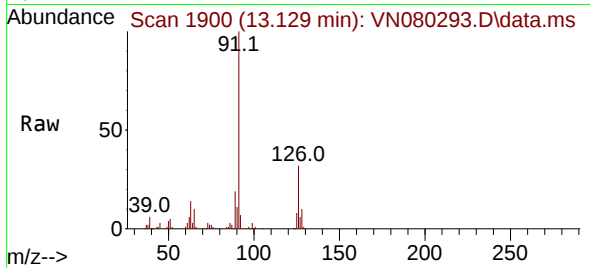
#79
2-Chlorotoluene
Concen: 19.295 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion: 91 Resp: 173093
Ion Ratio Lower Upper
91 100
126 31.5 16.3 48.8

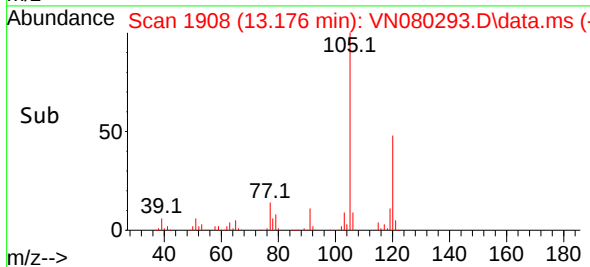
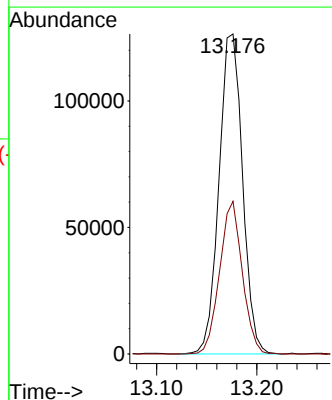
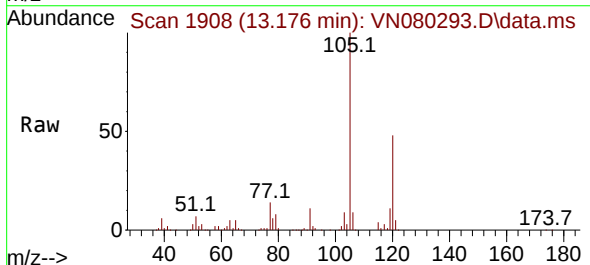
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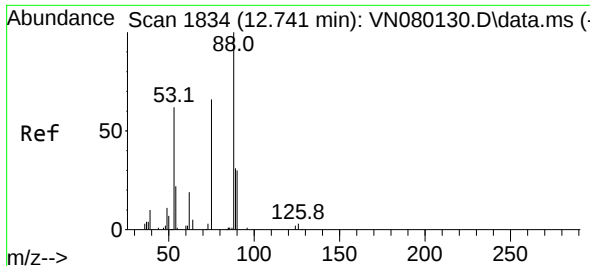
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.132 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

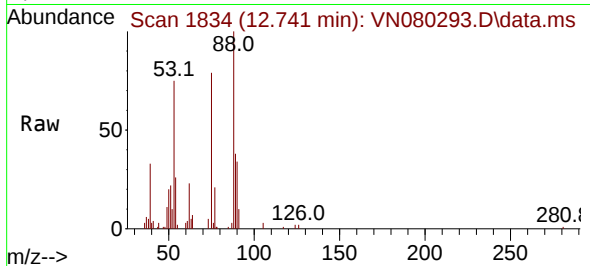
Tgt Ion:105 Resp: 205715
Ion Ratio Lower Upper
105 100
120 45.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.215 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

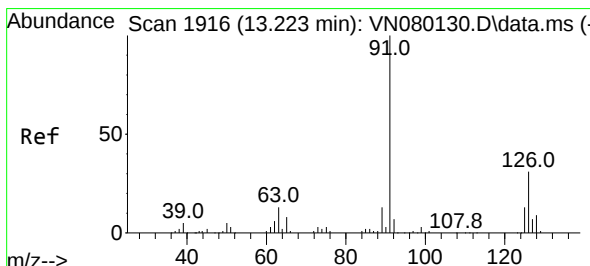
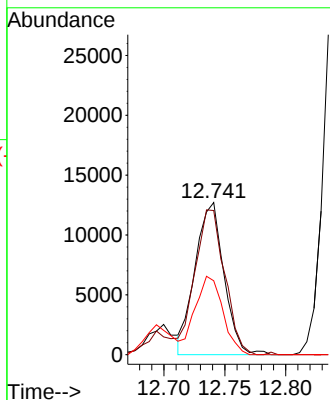
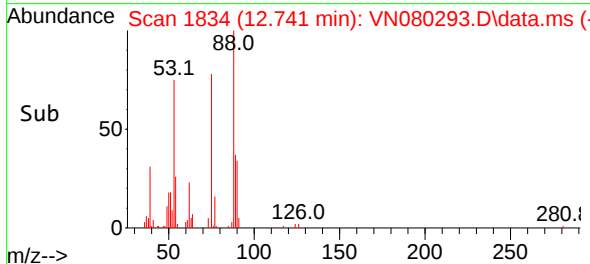
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01



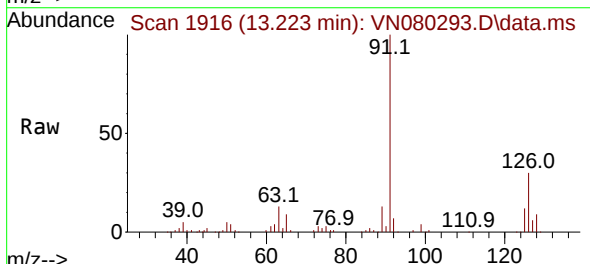
Tgt Ion: 75 Resp: 2099
Ion Ratio Lower Upper
75 100
53 100.3 67.4 101.2
89 50.0 38.8 58.2

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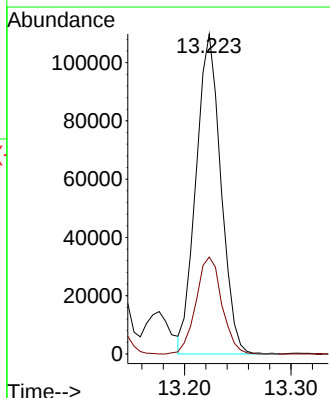
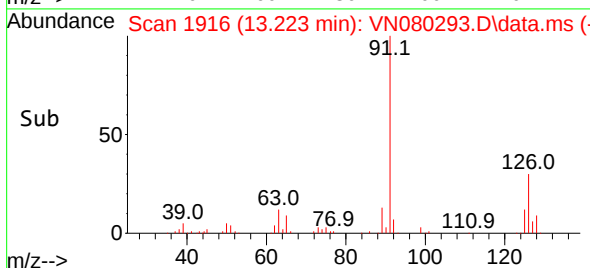
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

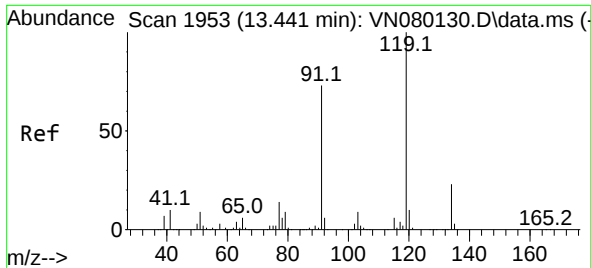


#82
4-Chlorotoluene
Concen: 19.402 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40



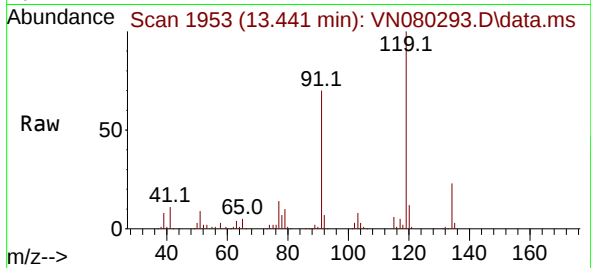
Tgt Ion: 91 Resp: 178309
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.602 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

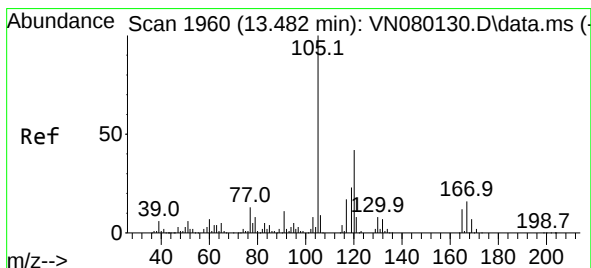
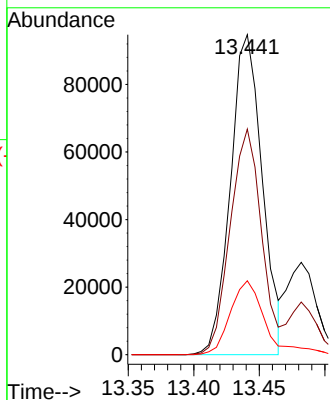
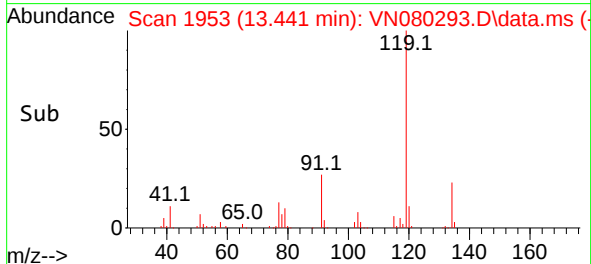
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01



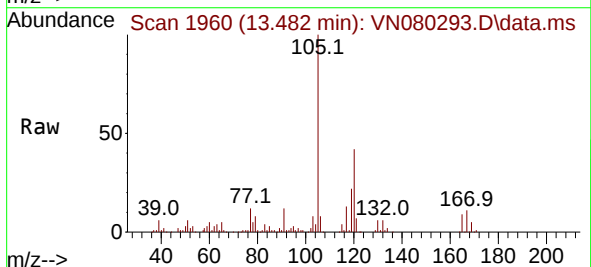
Tgt Ion:119 Resp: 160391
Ion Ratio Lower Upper
119 100
91 69.1 33.9 101.7
134 25.1 13.2 39.6

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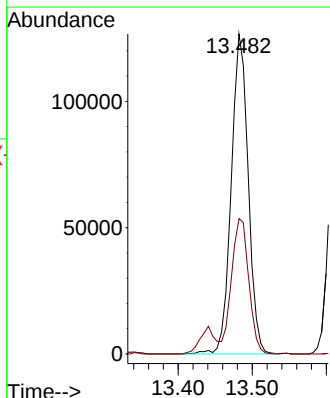
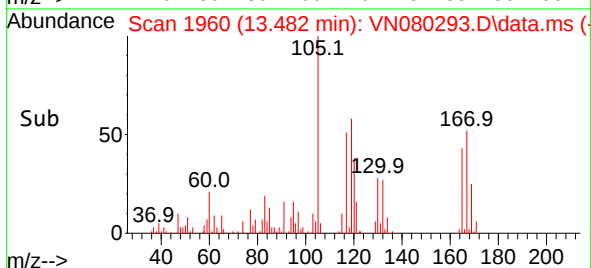
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023

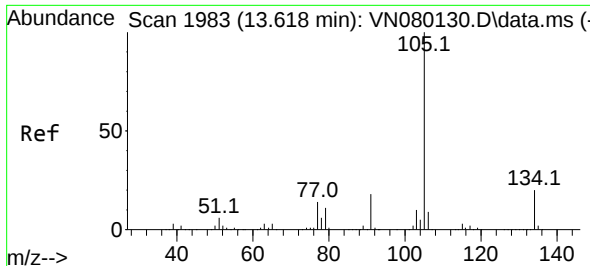


#84
1,2,4-Trimethylbenzene
Concen: 18.974 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40



Tgt Ion:105 Resp: 200884
Ion Ratio Lower Upper
105 100
120 42.9 22.0 66.0





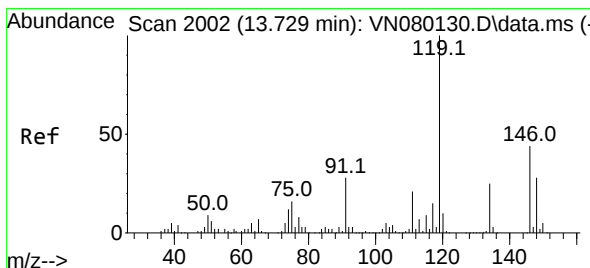
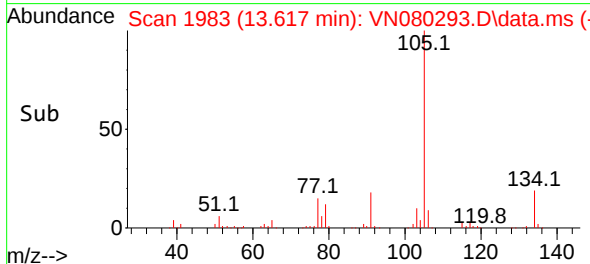
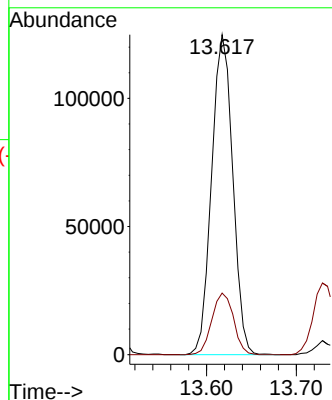
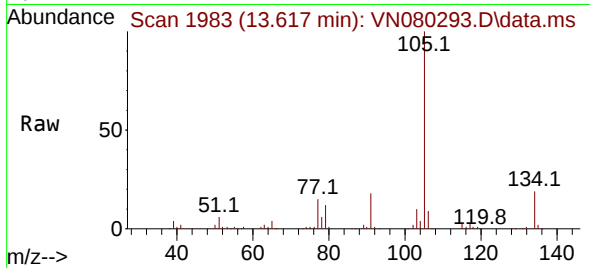
#85
 sec-Butylbenzene
 Concen: 18.732 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080293.D
 Acq: 28 Nov 2023 13:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBSD01

Tgt Ion:105 Resp: 20432
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

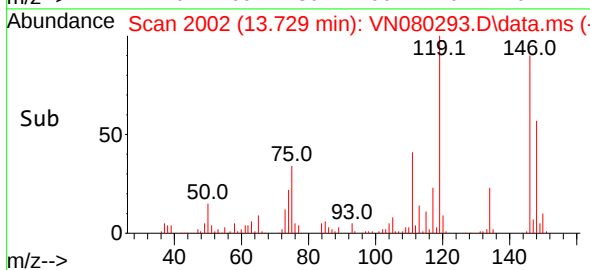
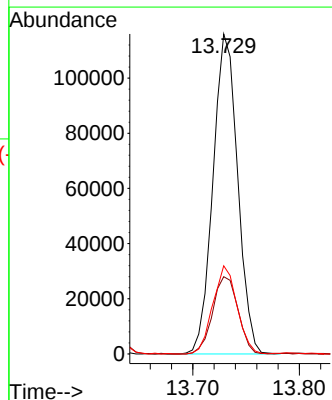
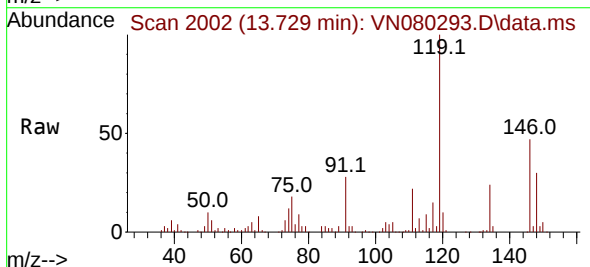
Manual Integrations
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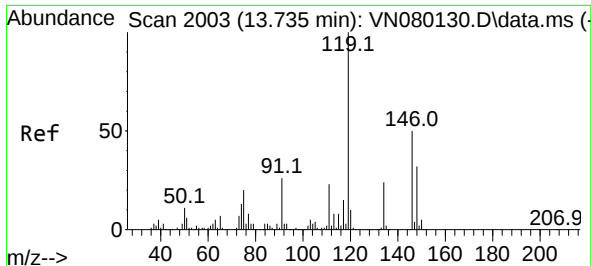
Reviewed By :John Carlone 11/29/2023
 Supervised By :Mahesh Dadoda 11/29/2023



#86
 p-Isopropyltoluene
 Concen: 19.125 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080293.D
 Acq: 28 Nov 2023 13:40

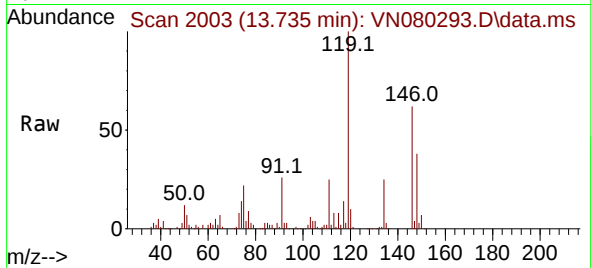
Tgt Ion:119 Resp: 186356
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 26.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.745 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

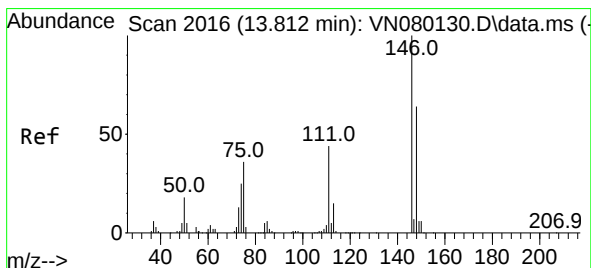
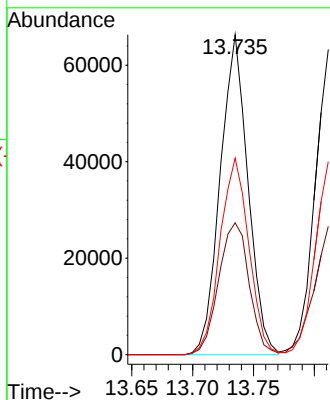
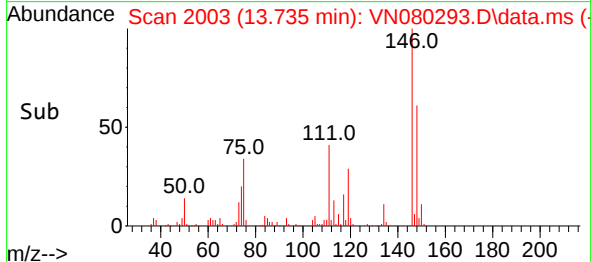
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01



Tgt Ion:146 Resp: 10517
Ion Ratio Lower Upper
146 100
111 45.2 22.1 66.3
148 64.0 32.0 96.0

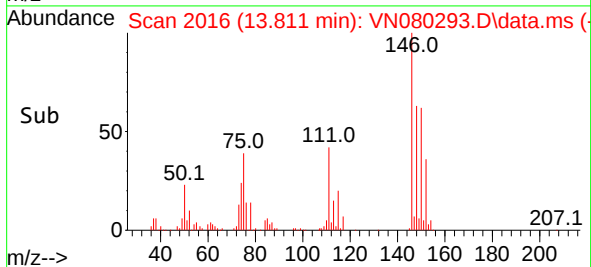
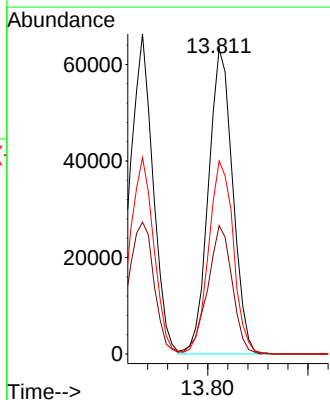
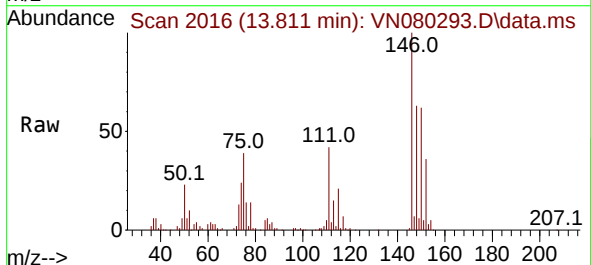
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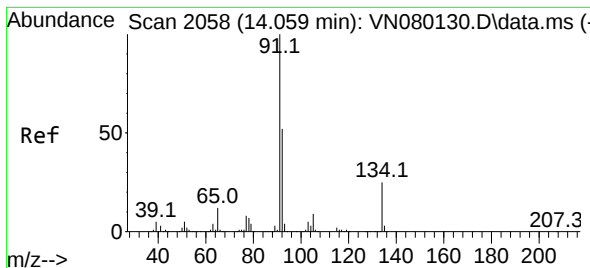
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#88
1,4-Dichlorobenzene
Concen: 18.913 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion:146 Resp: 106644
Ion Ratio Lower Upper
146 100
111 42.5 20.6 61.8
148 64.3 31.6 94.8





#89

n-Butylbenzene

Concen: 17.954 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080293.D

Acq: 28 Nov 2023 13:40

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBSD01

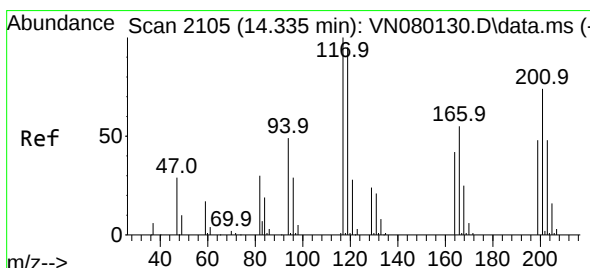
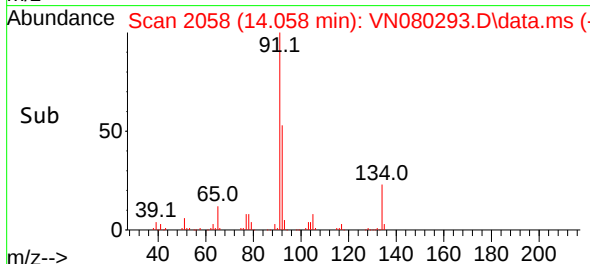
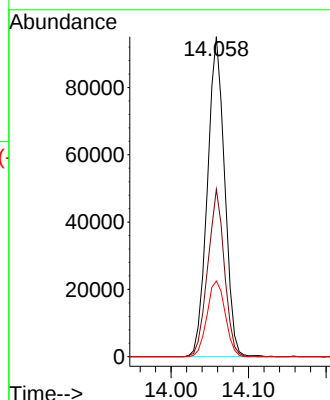
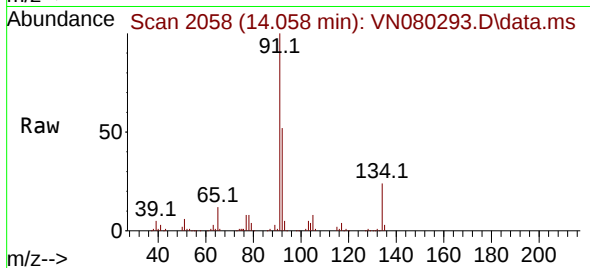
Tgt Ion:	91	Resp:	14642
Ion Ratio	Lower	Upper	
91	100		
92	50.4	26.4	79.0
134	25.0	12.6	37.6

Manual Integrations

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Reviewed By :John Carlone 11/29/2023

Supervised By :Mahesh Dadoda 11/29/2023



#90

Hexachloroethane

Concen: 17.733 ug/l

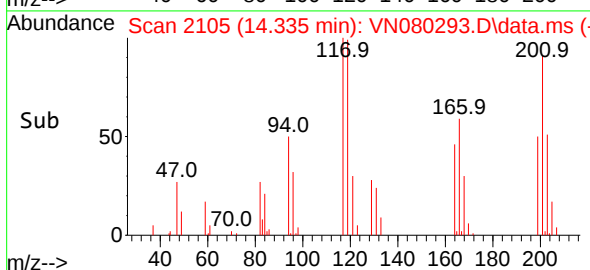
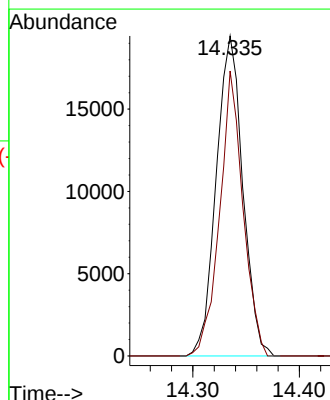
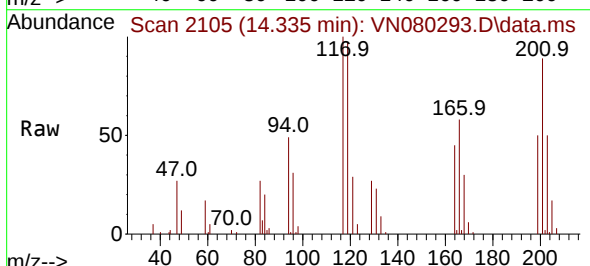
RT: 14.335 min Scan# 2105

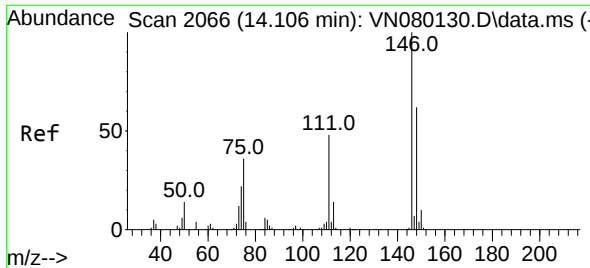
Delta R.T. -0.000 min

Lab File: VN080293.D

Acq: 28 Nov 2023 13:40

Tgt Ion:	117	Resp:	33685
Ion Ratio	Lower	Upper	
117	100		
201	78.2	29.3	88.0





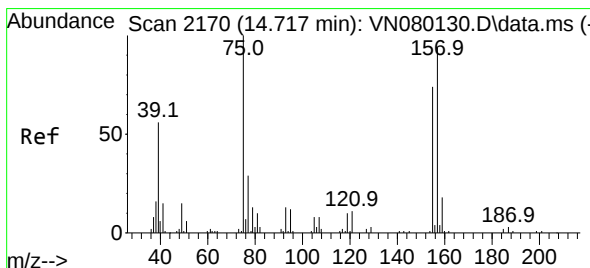
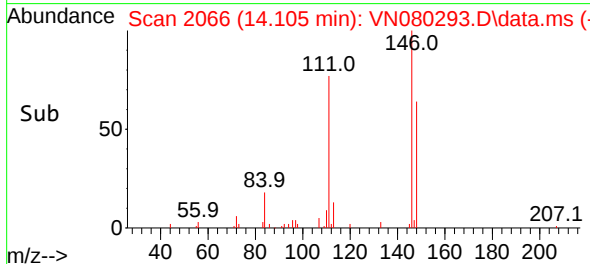
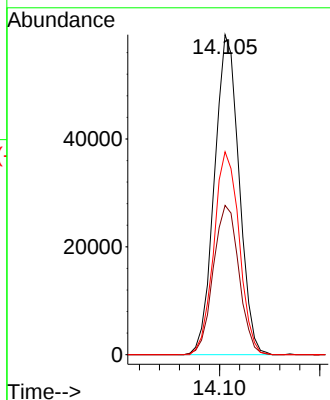
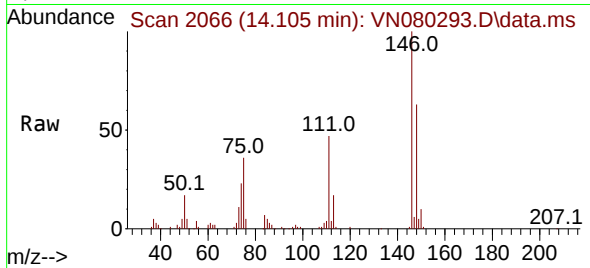
#91
1,2-Dichlorobenzene
Concen: 18.823 ug/l
RT: 14.105 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01

Tgt Ion:146 Resp: 101062
Ion Ratio Lower Upper
146 100
111 48.7 22.0 66.0
148 65.2 31.8 95.3

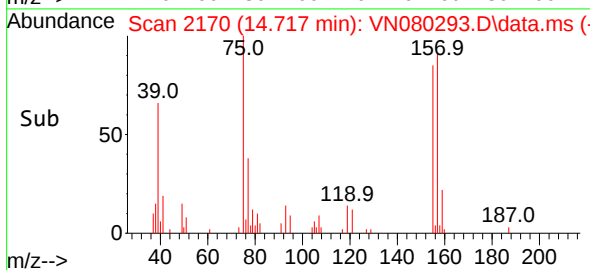
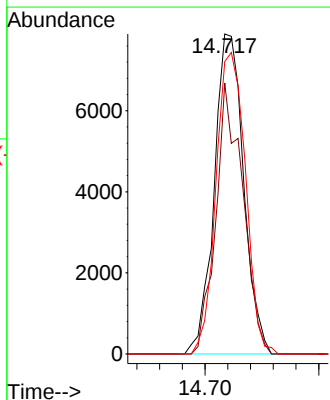
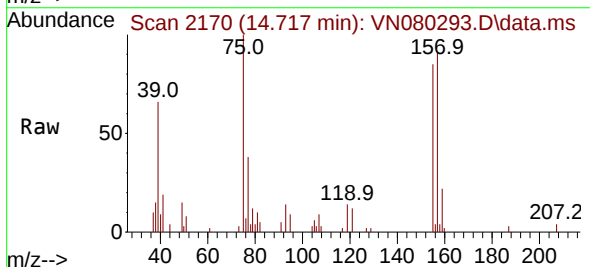
Manual Integrations
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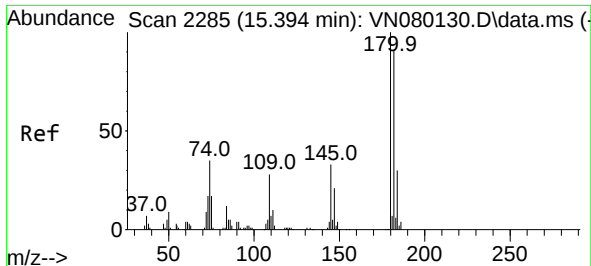
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.524 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

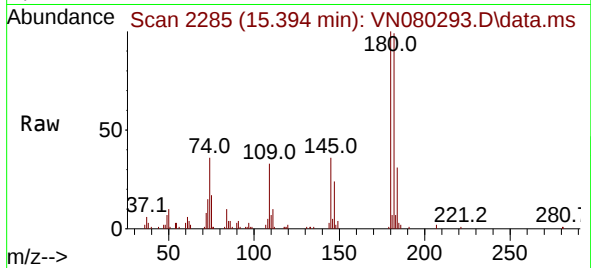
Tgt Ion: 75 Resp: 14189
Ion Ratio Lower Upper
75 100
155 77.7 39.1 117.2
157 94.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.825 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

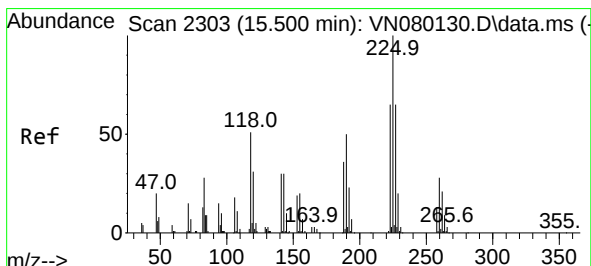
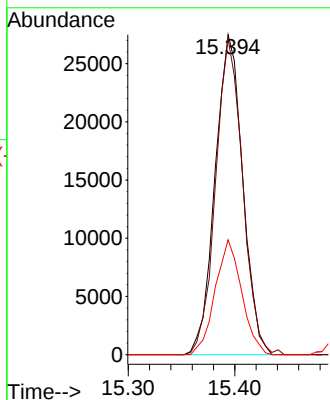
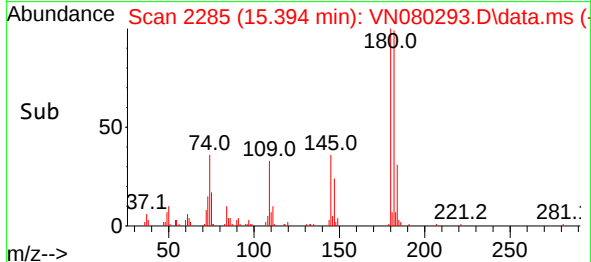
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01



Tgt Ion:180 Resp: 49418
Ion Ratio Lower Upper
180 100
182 96.6 46.1 138.2
145 34.6 16.6 49.8

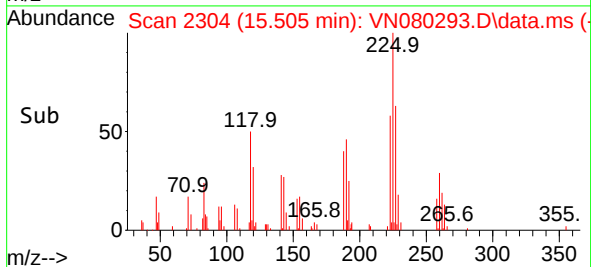
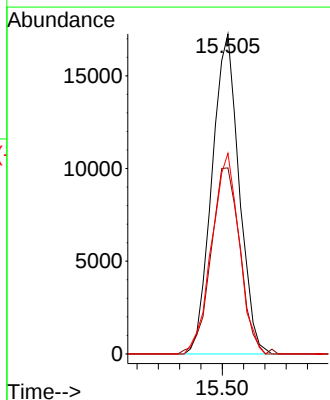
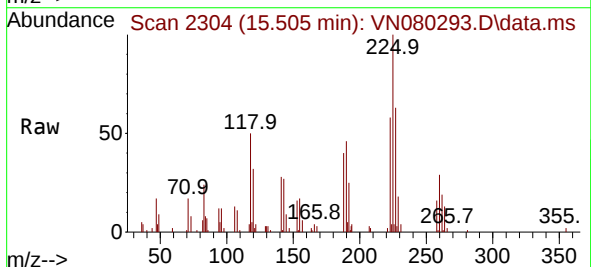
Manual Integrations
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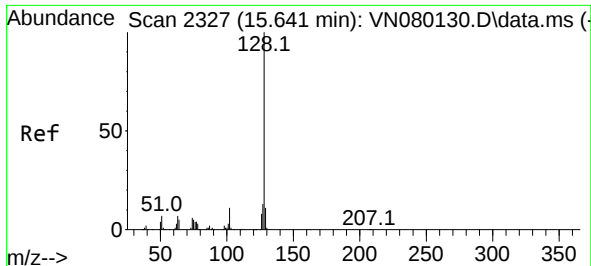
Reviewed By :John Carlone 11/29/2023
Supervised By :Mahesh Dadoda 11/29/2023



#94
Hexachlorobutadiene
Concen: 16.957 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.005 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

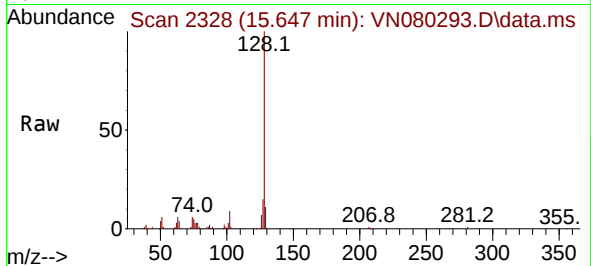
Tgt Ion:225 Resp: 30472
Ion Ratio Lower Upper
225 100
223 62.2 31.3 93.8
227 63.3 31.9 95.9





#95
Naphthalene
Concen: 14.804 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

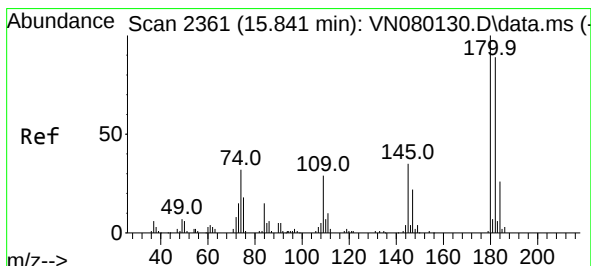
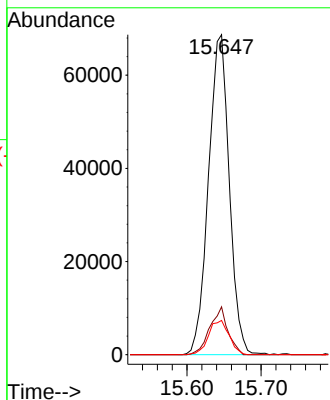
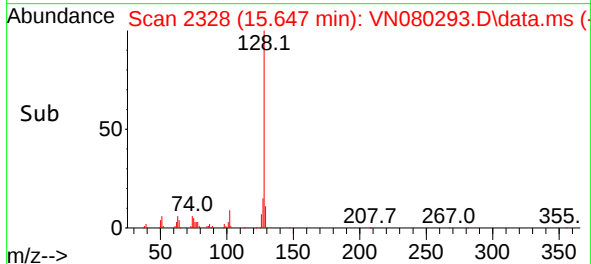
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBSD01



Tgt Ion:128 Resp: 134054
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.6 8.7 13.1

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



#96
1,2,3-Trichlorobenzene
Concen: 16.580 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080293.D
Acq: 28 Nov 2023 13:40

Tgt Ion:180 Resp: 48530
Ion Ratio Lower Upper
180 100
182 93.0 46.2 138.6
145 37.5 17.5 52.6

