

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080129.D
 Acq On : 16 Nov 2023 11:34
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 17 01:04:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 00:59:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	257990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	397970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	360205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	179384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	391092	91.809	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 183.620%#			
35) Dibromofluoromethane	8.171	113	277888	94.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 189.260%#			
50) Toluene-d8	10.571	98	1032801	97.568	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 195.140%#			
62) 4-Bromofluorobenzene	12.853	95	393303	98.367	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 196.740%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	380770	99.083	ug/l	98
3) Chloromethane	2.365	50	266733	92.319	ug/l	98
4) Vinyl Chloride	2.512	62	303280	99.189	ug/l	96
5) Bromomethane	2.936	94	188547	90.836	ug/l	95
6) Chloroethane	3.106	64	180851	99.965	ug/l	98
7) Trichlorofluoromethane	3.489	101	619245	97.086	ug/l	99
8) Diethyl Ether	3.953	74	177051	95.447	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.365	101	282324	96.841	ug/l	96
10) Methyl Iodide	4.589	142	343439	109.006	ug/l #	87
11) Tert butyl alcohol	5.518	59	216636	462.454	ug/l	99
12) 1,1-Dichloroethene	4.336	96	266792	97.842	ug/l #	78
13) Acrolein	4.177	56	206338	497.715	ug/l	100
14) Allyl chloride	5.018	41	336562	98.104	ug/l	92
15) Acrylonitrile	5.712	53	588417	467.902	ug/l	99
16) Acetone	4.418	43	668745	467.401	ug/l	98
17) Carbon Disulfide	4.712	76	761301	93.505	ug/l	99
18) Methyl Acetate	5.018	43	392065	85.286	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	943984	98.030	ug/l	99
20) Methylene Chloride	5.277	84	298651	99.675	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	289389	96.605	ug/l	86
22) Diisopropyl ether	6.671	45	727662	95.869	ug/l	98
23) Vinyl Acetate	6.600	43	2274851	498.572	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	515572	93.262	ug/l	98
25) 2-Butanone	7.483	43	785120	461.855	ug/l	90
26) 2,2-Dichloropropane	7.489	77	542599	98.930	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	325613	95.874	ug/l	86
28) Bromochloromethane	7.812	49	202175	93.026	ug/l	96
29) Tetrahydrofuran	7.841	42	424031	464.617	ug/l	91
30) Chloroform	7.965	83	576622	93.320	ug/l	98
31) Cyclohexane	8.259	56	422429	91.185	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	583971	96.912	ug/l	99
36) 1,1-Dichloropropene	8.371	75	434050	102.094	ug/l	96
37) Ethyl Acetate	7.559	43	278407	94.408	ug/l	97
38) Carbon Tetrachloride	8.365	117	543344	100.710	ug/l	98
39) Methylcyclohexane	9.606	83	434049	105.884	ug/l	91
40) Benzene	8.606	78	1177358	97.438	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	160926	99.369	ug/l	92
42) 1,2-Dichloroethane	8.671	62	493863	99.901	ug/l	95
43) Isopropyl Acetate	8.688	43	511133	89.069	ug/l	97
44) Trichloroethene	9.353	130	306798	96.795	ug/l	97
45) 1,2-Dichloropropane	9.624	63	276650	98.521	ug/l	98
46) Dibromomethane	9.706	93	207455	97.599	ug/l	92
47) Bromodichloromethane	9.888	83	466038	99.672	ug/l	100
48) Methyl methacrylate	9.683	41	302200	102.186	ug/l	89
49) 1,4-Dioxane	9.694	88	94215	1914.988	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	1429042	480.993	ug/l	98
52) Toluene	10.630	92	748496	98.983	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	502402	104.582	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	514038	104.736	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	277712	96.222	ug/l	98
56) Ethyl methacrylate	10.877	69	316750	107.429	ug/l	94
57) 1,3-Dichloropropane	11.165	76	491561	97.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	953865	574.247	ug/l	97
59) 2-Hexanone	11.194	43	1173295	491.456	ug/l	97
60) Dibromochloromethane	11.359	129	347817	100.661	ug/l	99
61) 1,2-Dibromoethane	11.471	107	287322	97.583	ug/l	97
64) Tetrachloroethene	11.106	164	261708	95.203	ug/l	99
65) Chlorobenzene	11.894	112	788629	96.622	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	320446	101.171	ug/l	94
67) Ethyl Benzene	11.965	91	1495461	102.966	ug/l	94
68) m/p-Xylenes	12.071	106	1099610	207.651	ug/l	87
69) o-Xylene	12.400	106	521757	104.549	ug/l	85
70) Styrene	12.412	104	789046	106.227	ug/l	93
71) Bromoform	12.582	173	235733	100.360	ug/l #	99
73) Isopropylbenzene	12.700	105	1411871	101.286	ug/l	98
74) N-amyl acetate	12.494	43	426877	98.201	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	360492	86.407	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	393003m	89.855	ug/l	
77) Bromobenzene	12.982	156	328077	93.351	ug/l	98
78) n-propylbenzene	13.035	91	1598184	102.529	ug/l	99
79) 2-Chlorotoluene	13.129	91	1005562	99.325	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1229332	101.311	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	128648	98.891	ug/l #	86
82) 4-Chlorotoluene	13.223	91	1039150	100.193	ug/l	95
83) tert-Butylbenzene	13.441	119	978668	100.574	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	1240169	103.795	ug/l	96
85) sec-Butylbenzene	13.618	105	1280873	104.054	ug/l	100
86) p-Isopropyltoluene	13.735	119	1172636	106.639	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	597311	94.334	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	598796	94.103	ug/l	98
89) n-Butylbenzene	14.059	91	986110	107.141	ug/l	99
90) Hexachloroethane	14.335	117	210399	98.145	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	562120	92.772	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	87483	90.276	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	337259	95.701	ug/l	96
94) Hexachlorobutadiene	15.506	225	177131	87.342	ug/l	99
95) Naphthalene	15.641	128	956601	93.609	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	311196	94.211	ug/l	97

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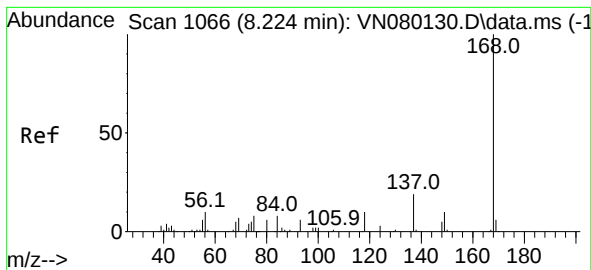
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/17/2023

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



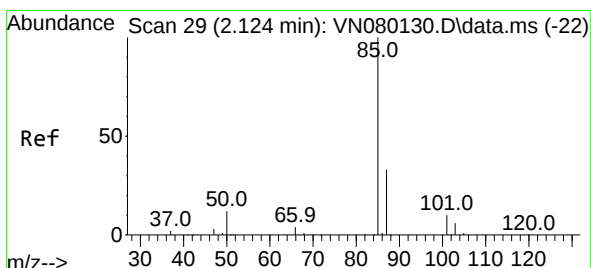
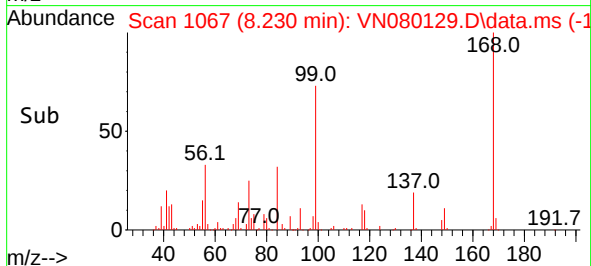
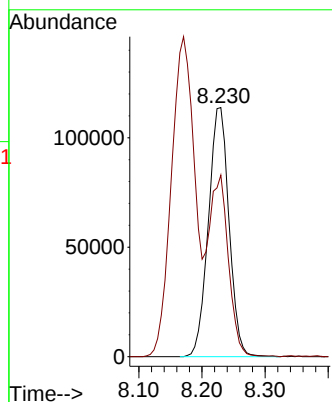
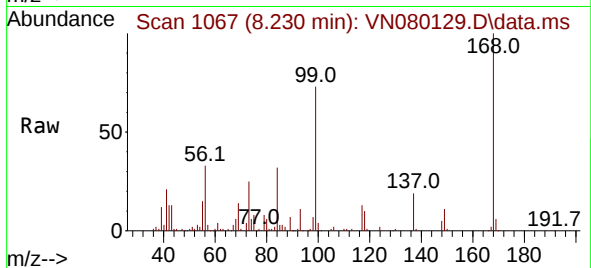
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 257990
Ion Ratio Lower Upper
168 100
99 72.9 53.0 79.6

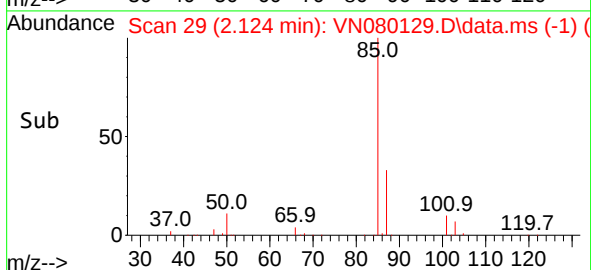
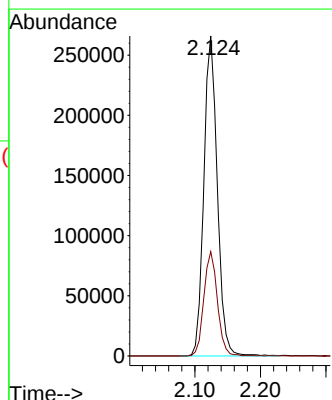
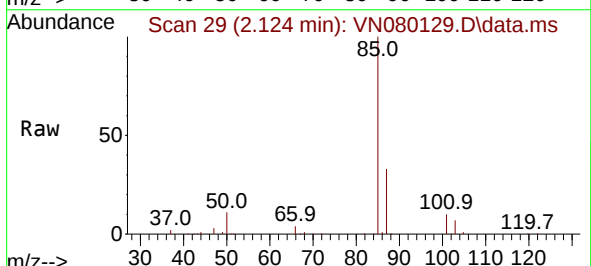
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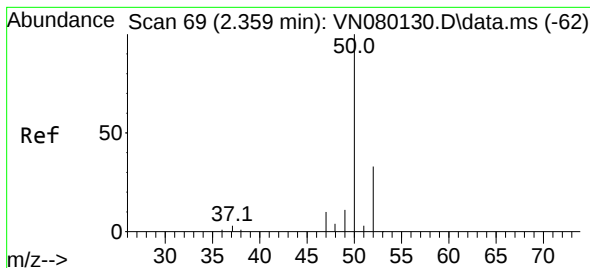
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#2
Dichlorodifluoromethane
Concen: 99.083 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion: 85 Resp: 380770
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4





#3

Chloromethane

Concen: 92.319 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 50 Resp: 26673

Ion Ratio Lower Upper

50 100

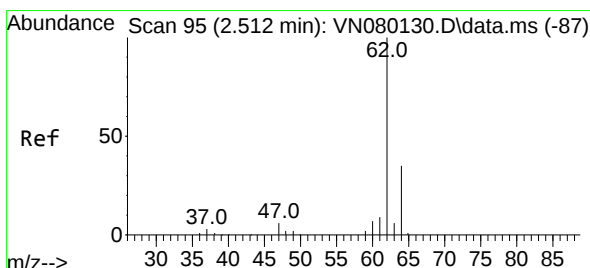
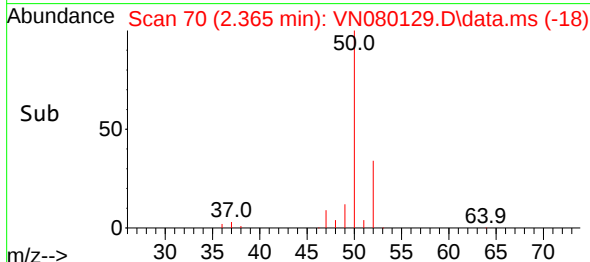
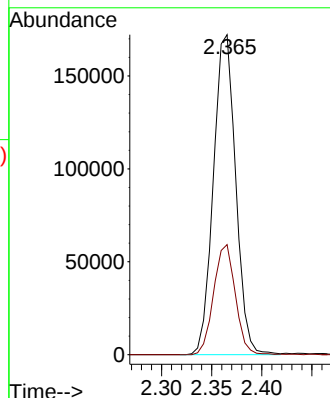
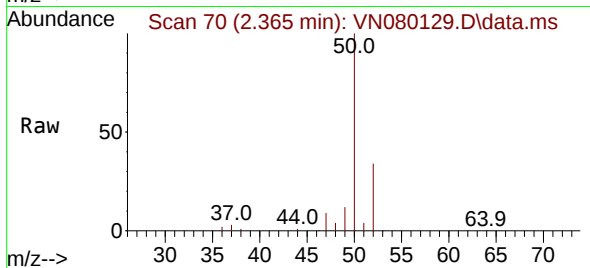
52 34.4 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 99.189 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN080129.D

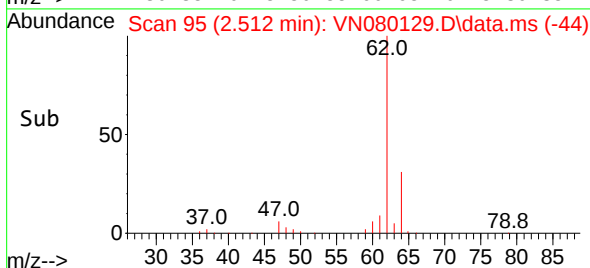
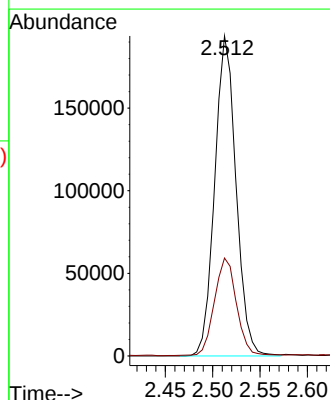
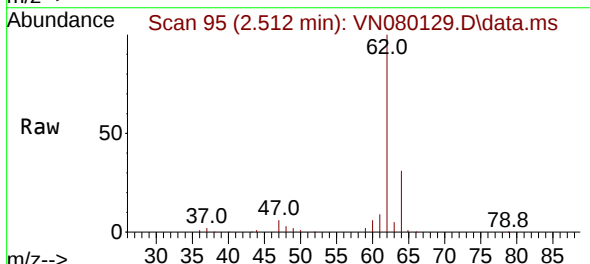
Acq: 16 Nov 2023 11:34

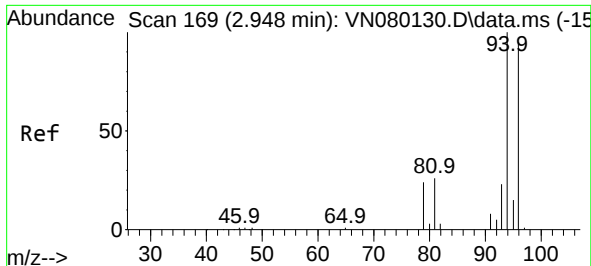
Tgt Ion: 62 Resp: 303280

Ion Ratio Lower Upper

62 100

64 30.4 26.2 39.2





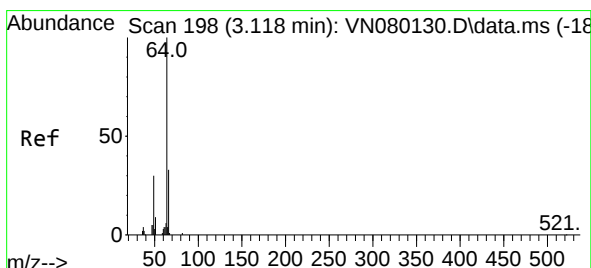
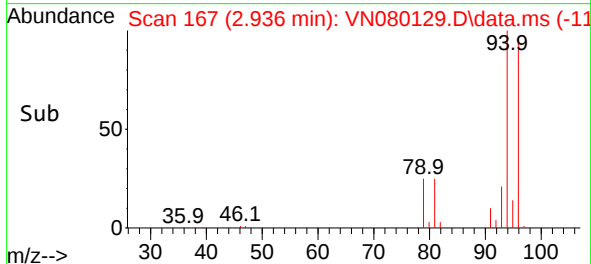
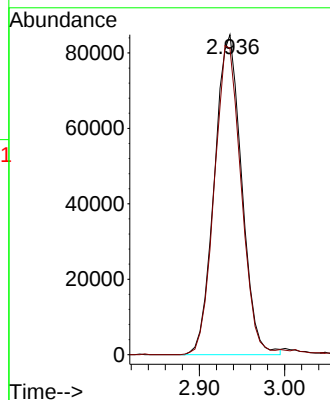
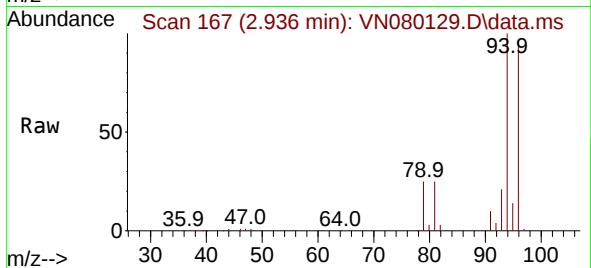
#5
Bromomethane
Concen: 90.836 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN080129.D
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MSVOA_N
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Tgt Ion: 94 Resp: 18854
Ion Ratio Lower Upper
94 100
96 95.7 73.1 109.7

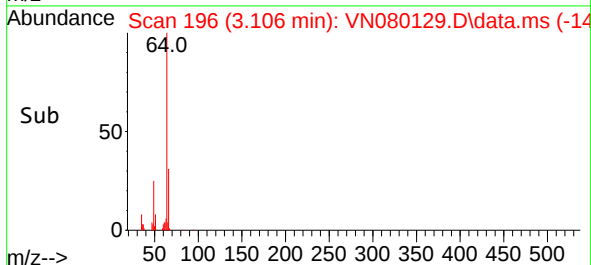
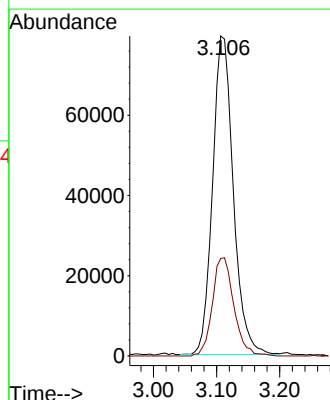
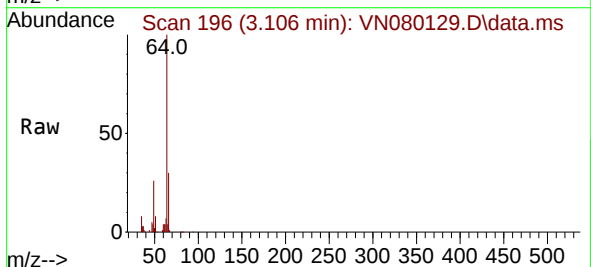
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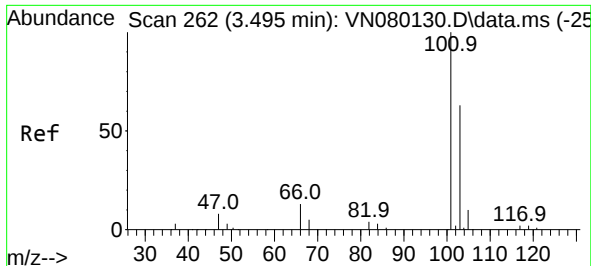
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#6
Chloroethane
Concen: 99.965 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion: 64 Resp: 180851
Ion Ratio Lower Upper
64 100
66 30.6 25.4 38.2





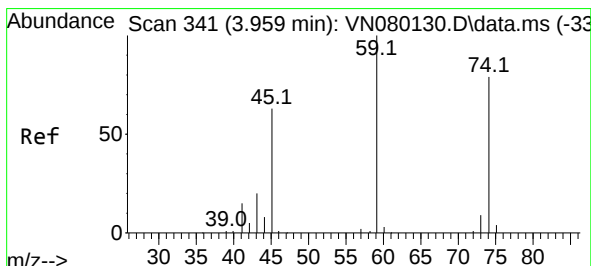
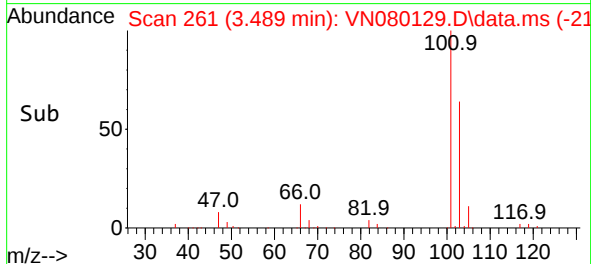
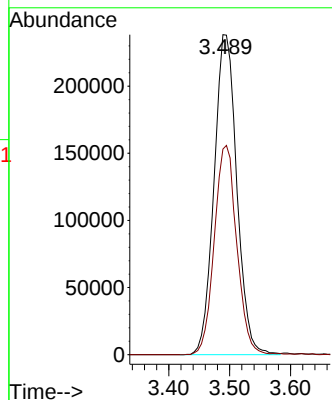
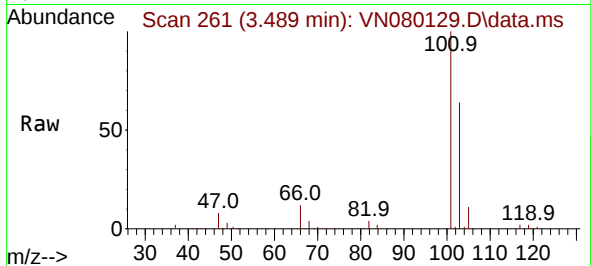
#7
Trichlorofluoromethane
Concen: 97.086 ug/l
RT: 3.489 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 61924
Ion Ratio Lower Upper
101 100
103 64.2 50.7 76.1

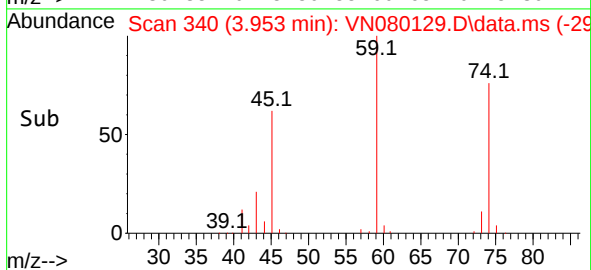
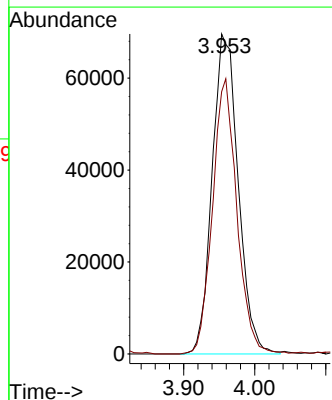
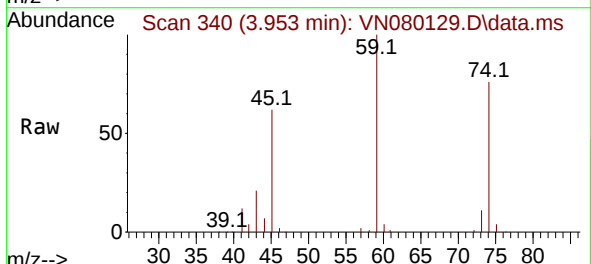
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#8
Diethyl Ether
Concen: 95.447 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion: 74 Resp: 177051
Ion Ratio Lower Upper
74 100
45 80.6 34.4 103.3





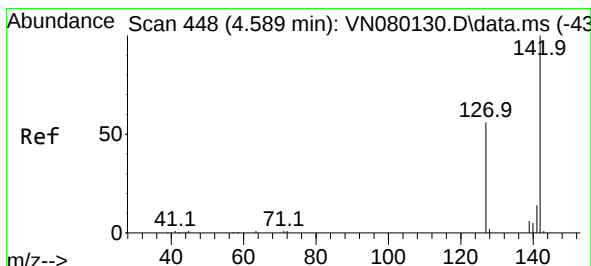
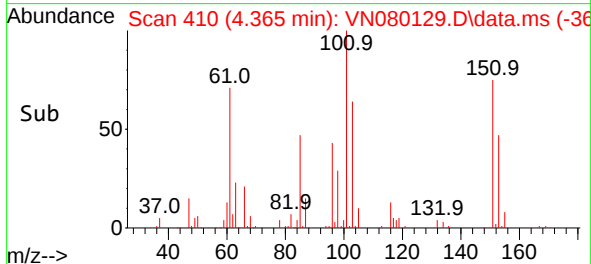
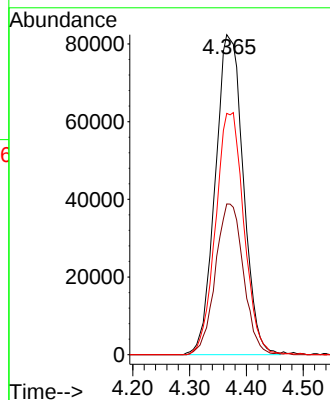
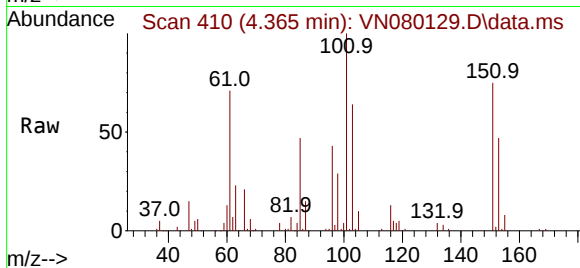
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1,1,2-Trichlorotrifluoroethane
Concen: 96.841 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 282324
Ion Ratio Lower Upper
101 100
85 47.3 36.6 55.0
151 76.5 57.6 86.4

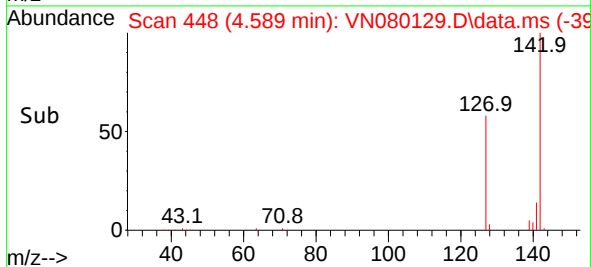
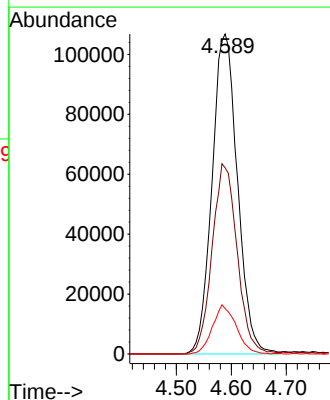
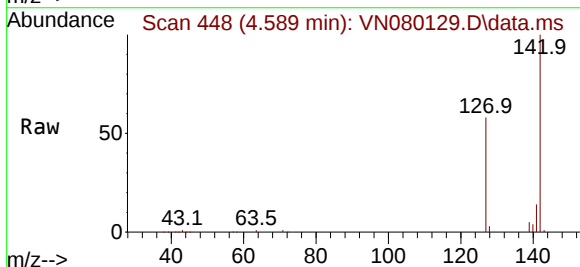
Manual Integrations
APPROVED

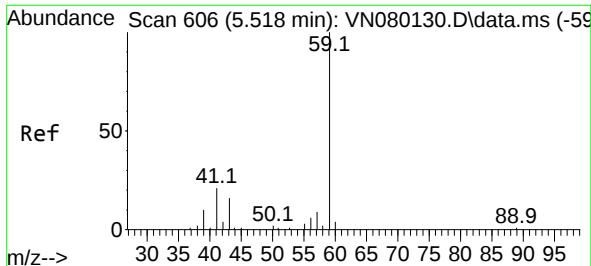
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#10
Methyl Iodide
Concen: 109.006 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

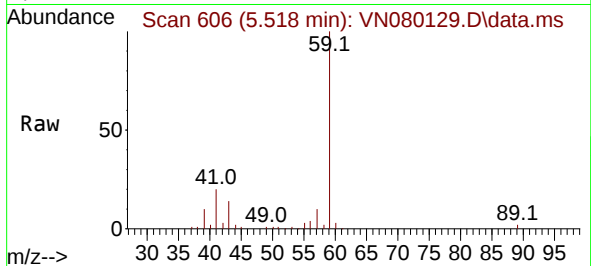
Tgt Ion:142 Resp: 343439
Ion Ratio Lower Upper
142 100
127 58.2 37.6 56.4#
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 462.454 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

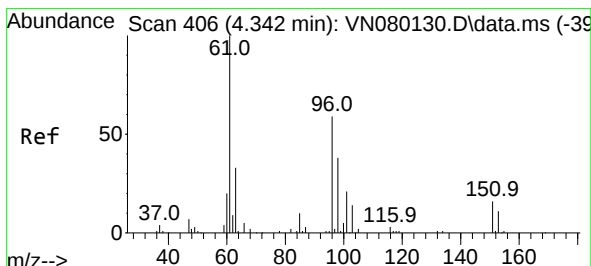
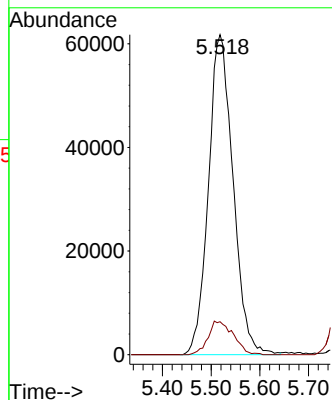
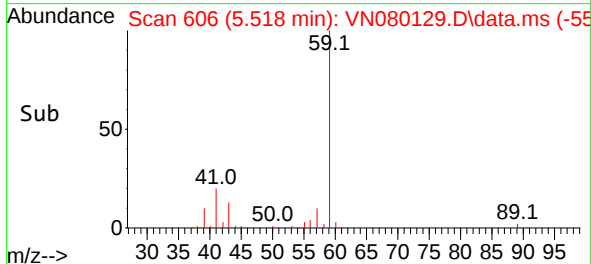
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



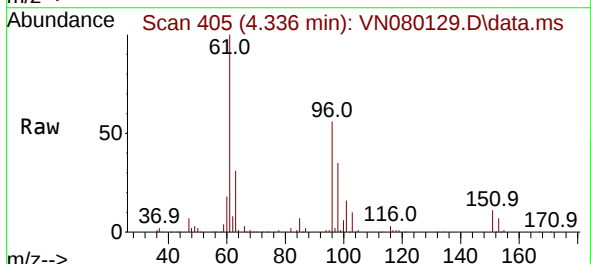
Tgt Ion: 59 Resp: 216630
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

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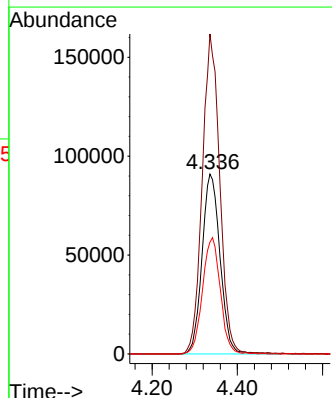
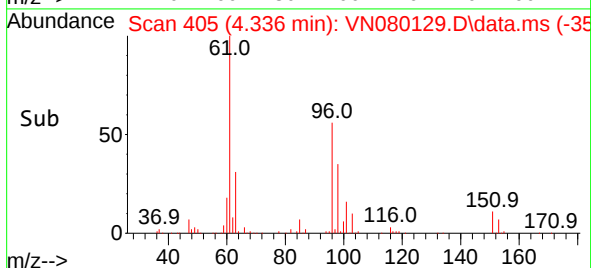
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

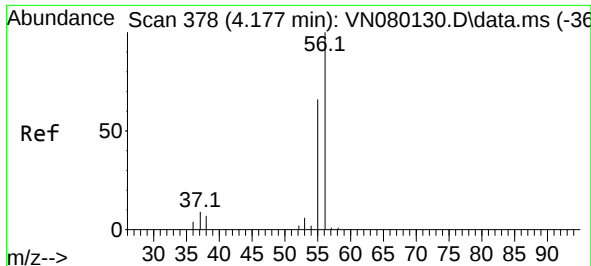


#12
1,1-Dichloroethene
Concen: 97.842 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34



Tgt Ion: 96 Resp: 266792
Ion Ratio Lower Upper
96 100
61 178.0 112.7 169.1#
98 62.2 51.2 76.8





#13

Acrolein

Concen: 497.715 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 206338

Ion Ratio Lower Upper

56 100

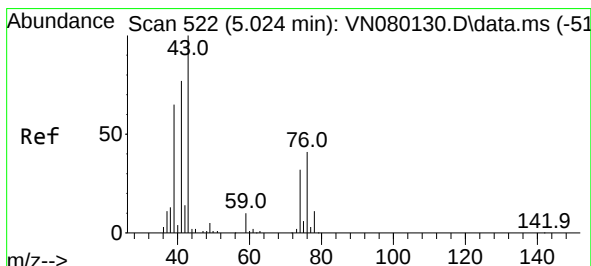
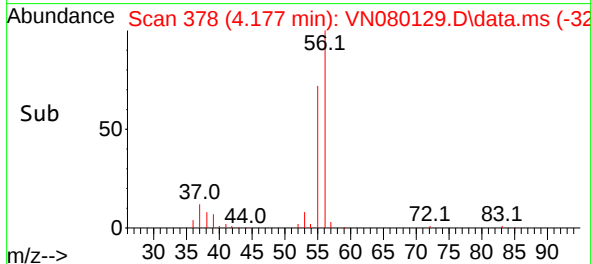
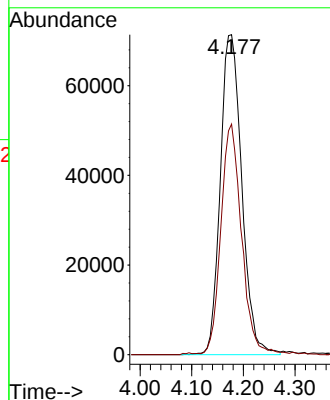
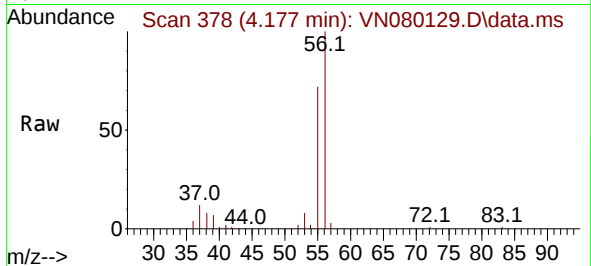
55 68.1 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#14

Allyl chloride

Concen: 98.104 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

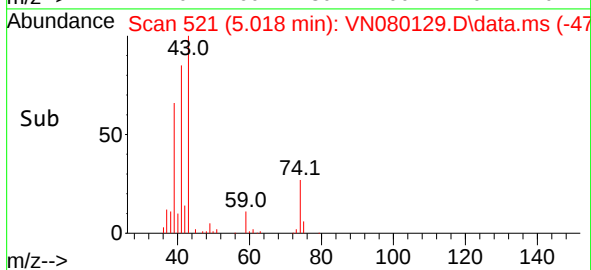
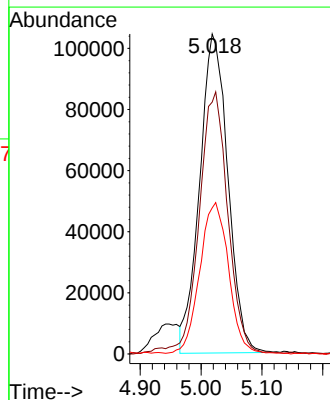
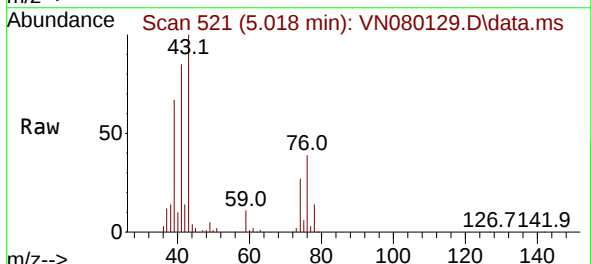
Tgt Ion: 41 Resp: 336562

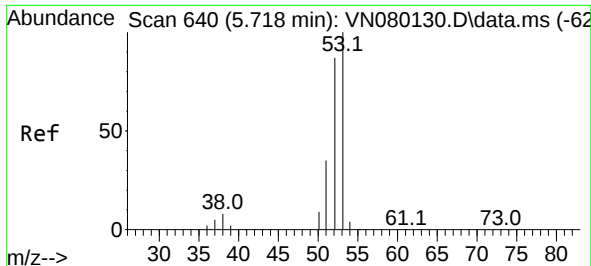
Ion Ratio Lower Upper

41 100

39 84.1 58.8 88.2

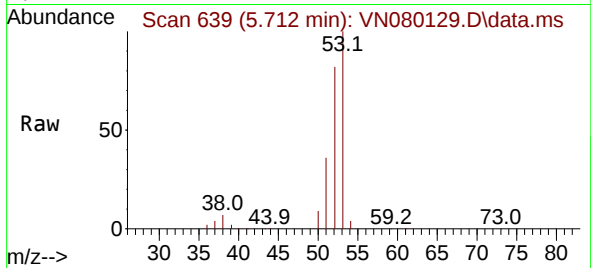
76 48.7 39.1 58.7





#15
Acrylonitrile
Concen: 467.902 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

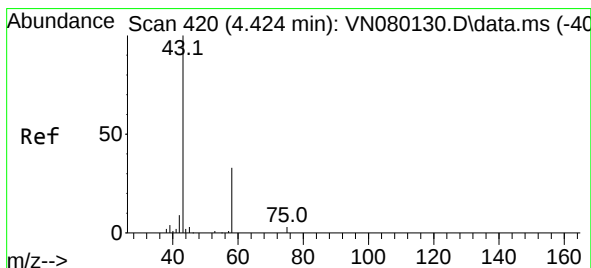
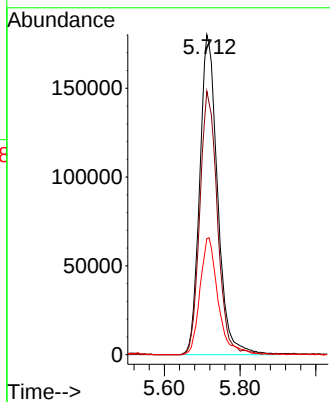
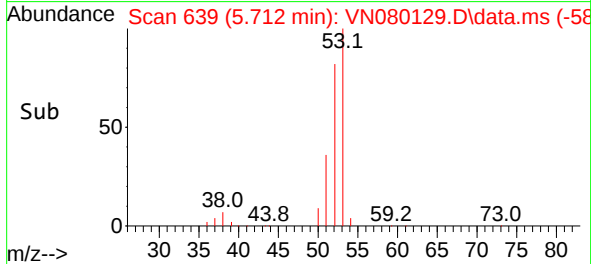
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 58841
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 37.1 28.9 43.3

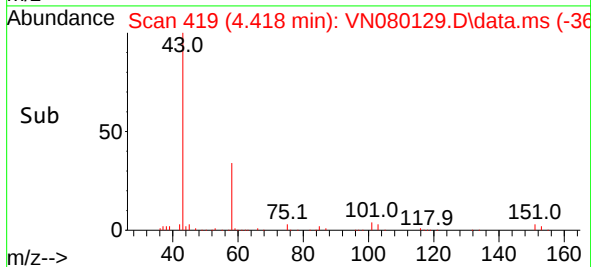
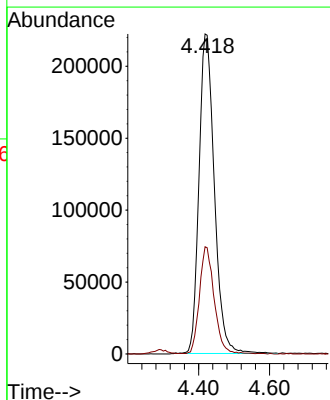
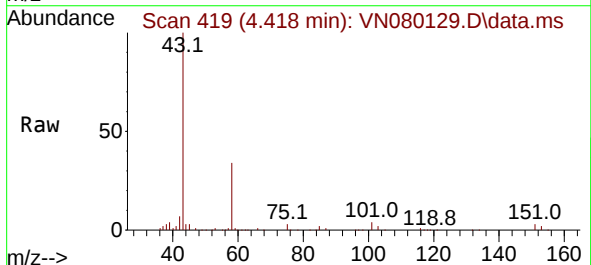
Manual Integrations
APPROVED

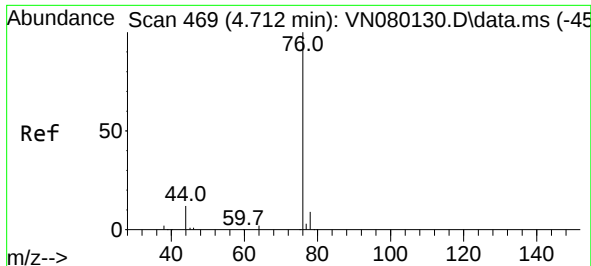
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#16
Acetone
Concen: 467.401 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion: 43 Resp: 668745
Ion Ratio Lower Upper
43 100
58 33.6 28.0 42.0





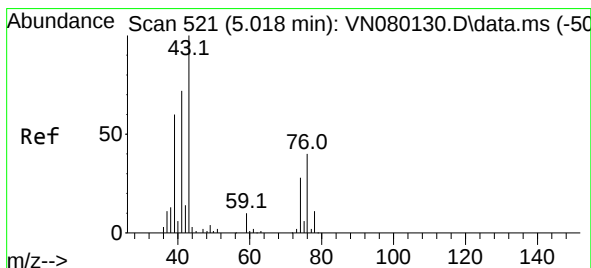
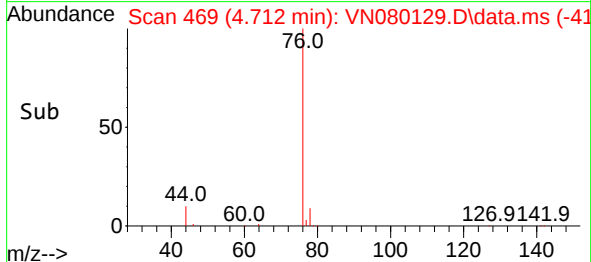
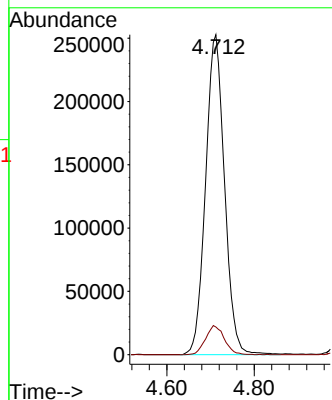
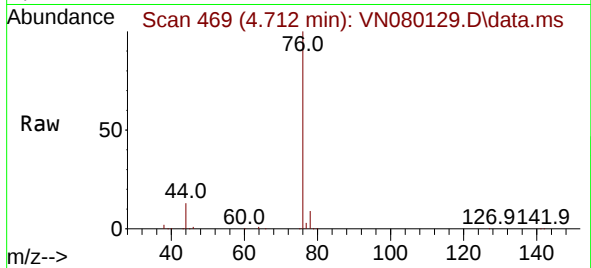
#17
Carbon Disulfide
Concen: 93.505 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 76130
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

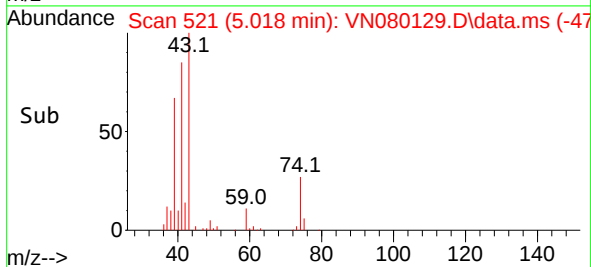
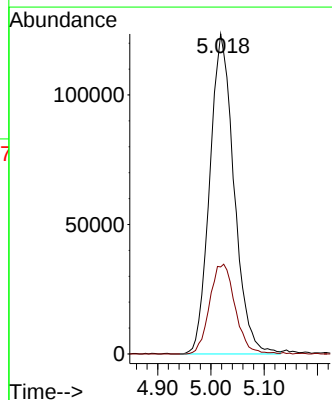
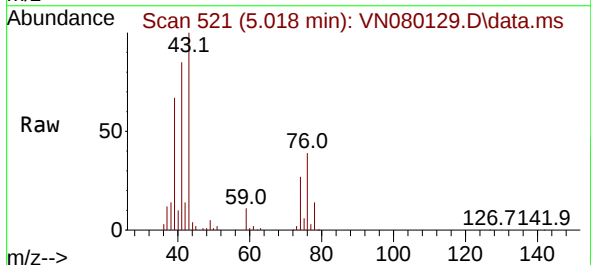
Manual Integrations
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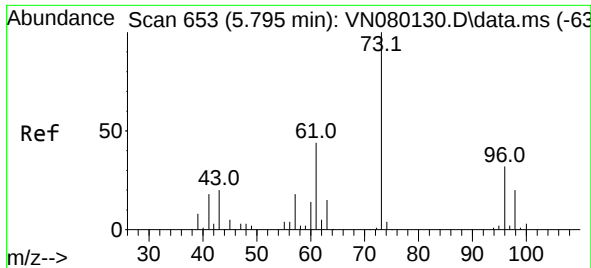
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#18
Methyl Acetate
Concen: 85.286 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion: 43 Resp: 392065
Ion Ratio Lower Upper
43 100
74 29.3 26.2 39.4





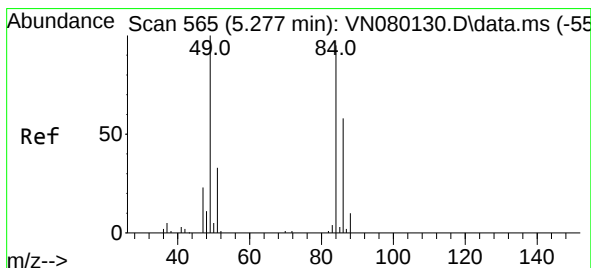
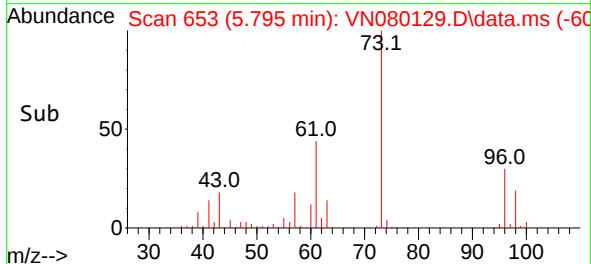
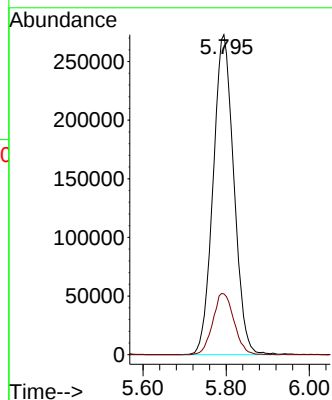
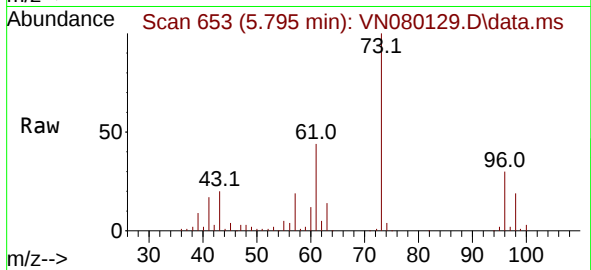
#19
Methyl tert-butyl Ether
Concen: 98.030 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 943984
Ion Ratio Lower Upper
73 100
57 19.0 15.6 23.4

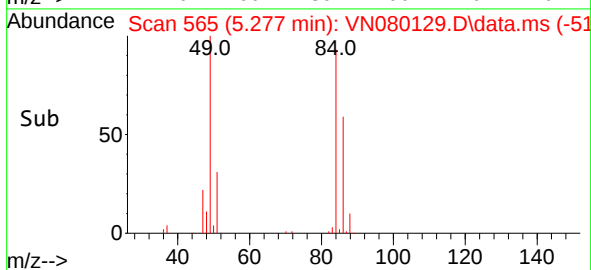
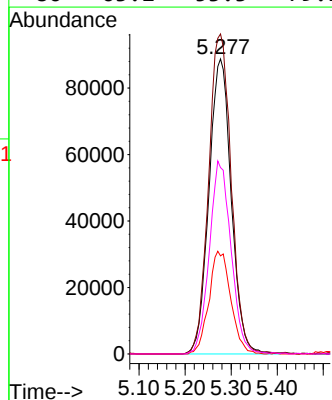
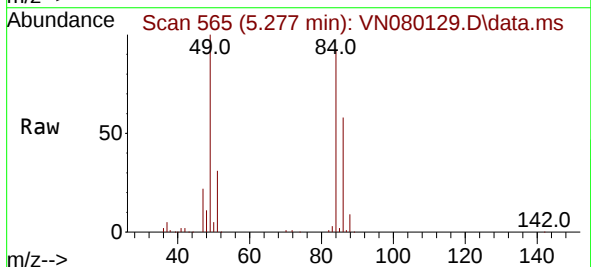
Manual Integrations
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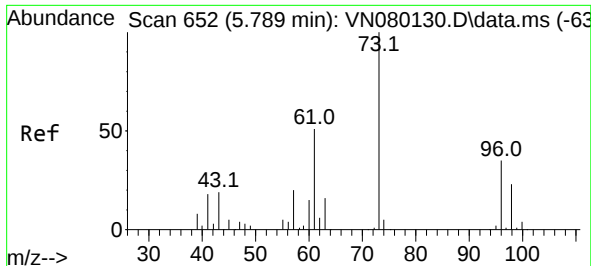
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#20
Methylene Chloride
Concen: 99.675 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

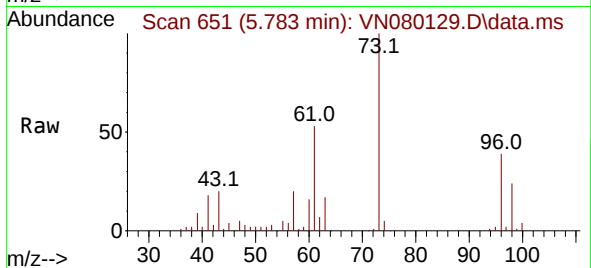
Tgt Ion: 84 Resp: 298651
Ion Ratio Lower Upper
84 100
49 108.5 79.7 119.5
51 33.2 25.2 37.8
86 63.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 96.605 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

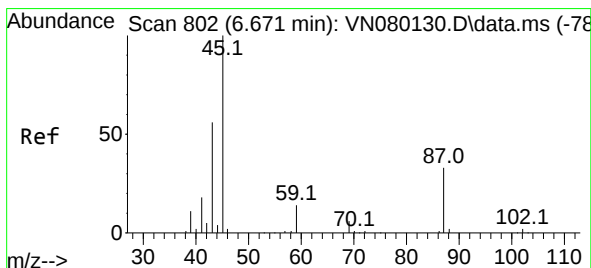
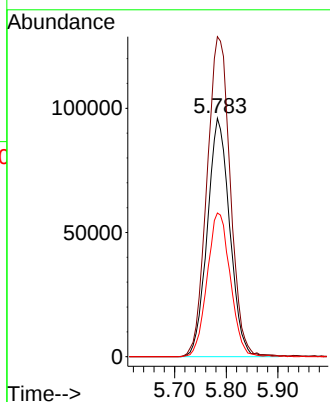
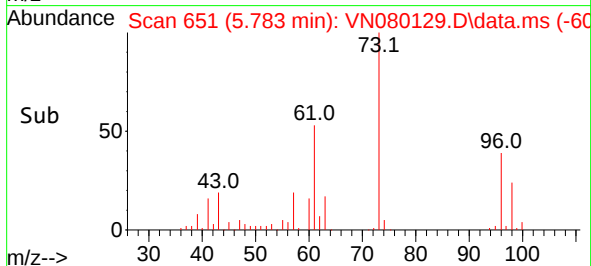
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



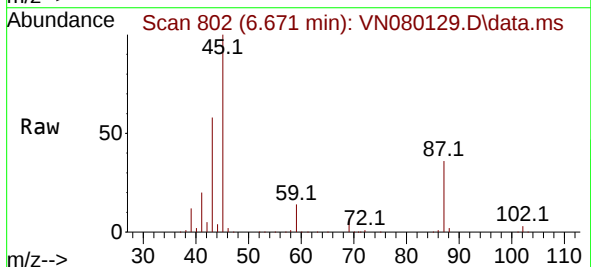
Tgt Ion: 96 Resp: 289389
Ion Ratio Lower Upper
96 100
61 134.2 90.1 135.1
98 60.3 46.4 69.6

Manual Integrations
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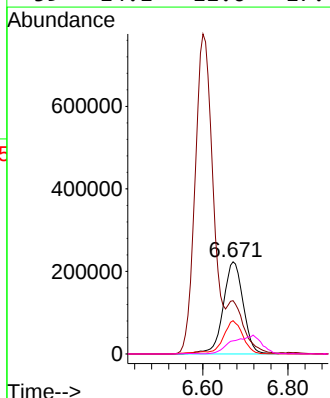
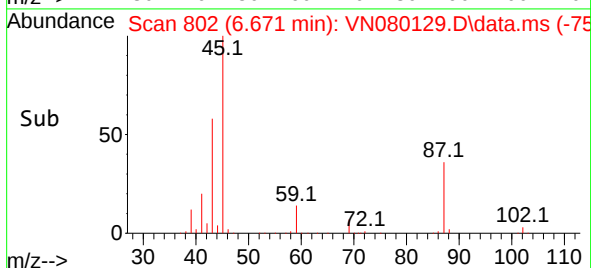
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

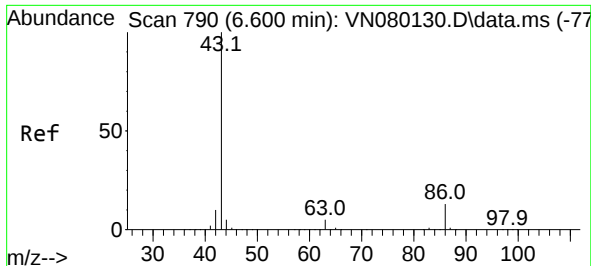


#22
Diisopropyl ether
Concen: 95.869 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34



Tgt Ion: 45 Resp: 727662
Ion Ratio Lower Upper
45 100
43 56.7 45.5 68.3
87 36.1 31.8 47.8
59 14.1 11.6 17.4





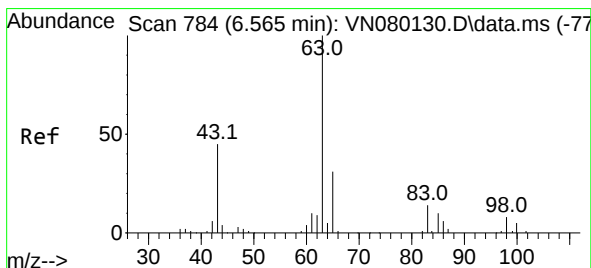
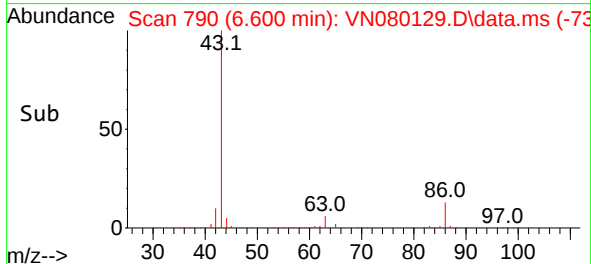
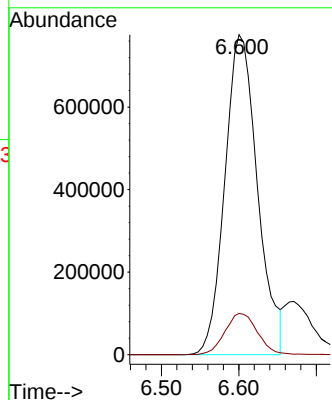
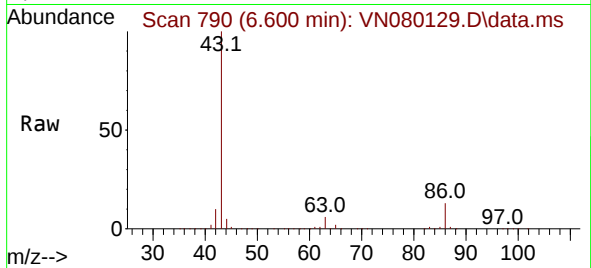
#23
 Vinyl Acetate
 Concen: 498.572 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080129.D
 Acq: 16 Nov 2023 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 227485
 Ion Ratio Lower Upper
 43 100
 86 12.9 13.0 19.6

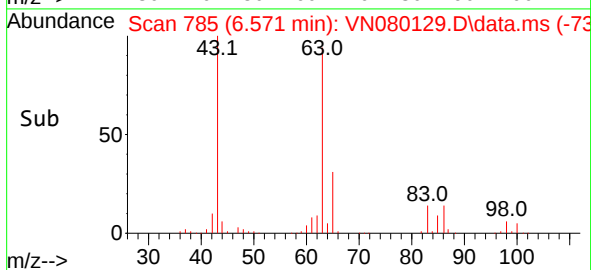
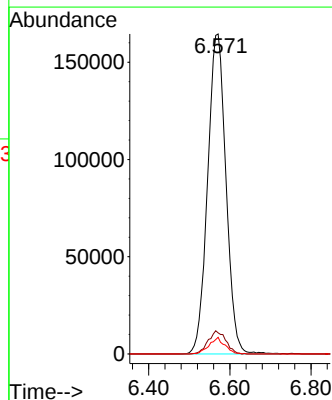
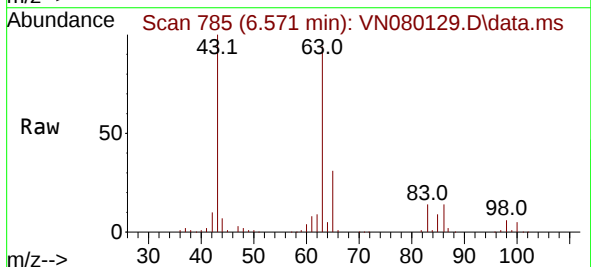
Manual Integrations
 APPROVED

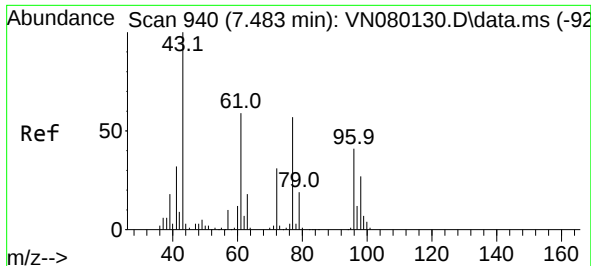
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#24
 1,1-Dichloroethane
 Concen: 93.262 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080129.D
 Acq: 16 Nov 2023 11:34

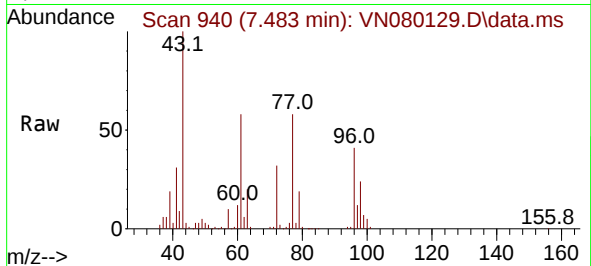
Tgt Ion: 63 Resp: 515572
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 5.2 2.5 7.4





#25
2-Butanone
Concen: 461.855 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

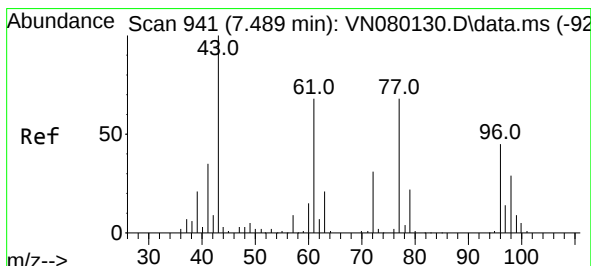
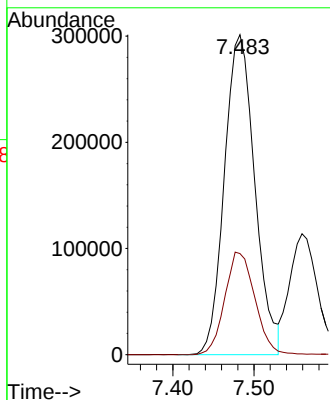
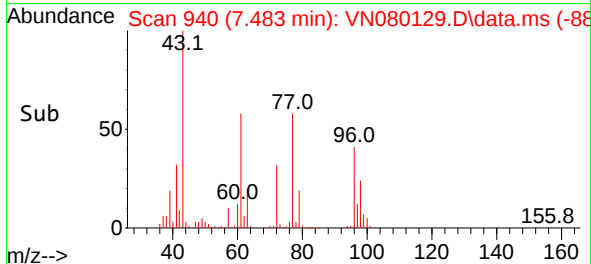
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 785120
Ion Ratio Lower Upper
43 100
72 31.6 30.2 45.2

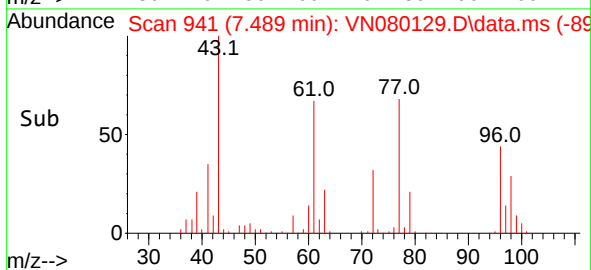
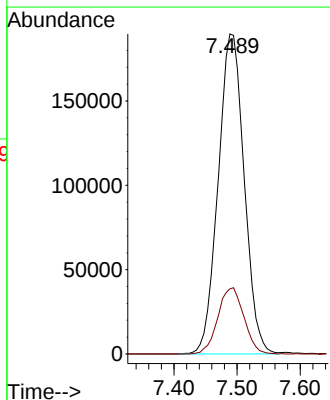
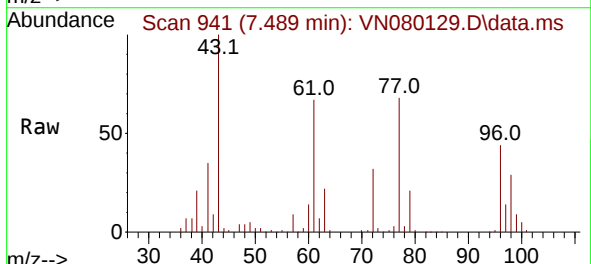
Manual Integrations
APPROVED

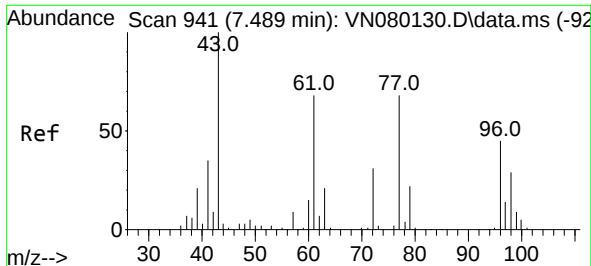
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#26
2,2-Dichloropropane
Concen: 98.930 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

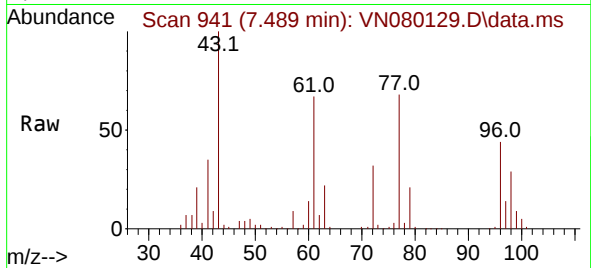
Tgt Ion: 77 Resp: 542599
Ion Ratio Lower Upper
77 100
97 20.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 95.874 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080129.D
 Acq: 16 Nov 2023 11:34

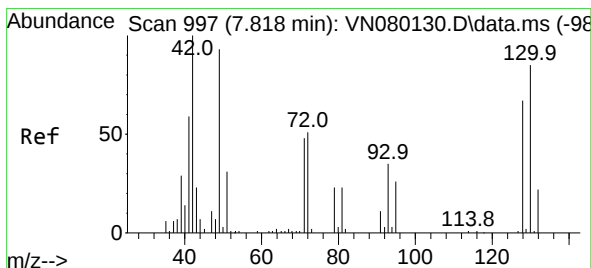
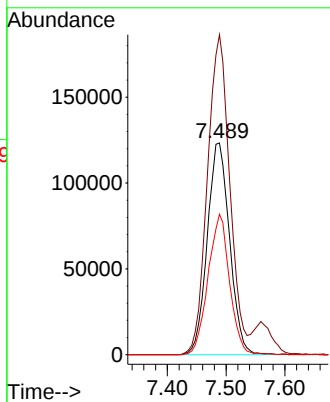
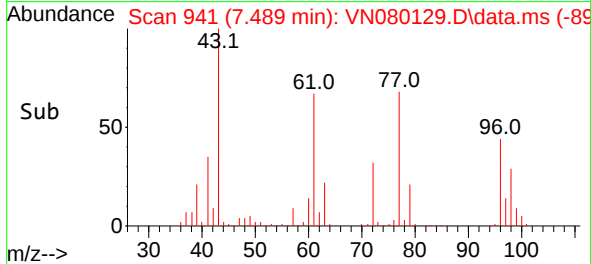
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 32561
 Ion Ratio Lower Upper
 96 100
 61 150.6 0.0 255.2
 98 63.7 0.0 128.8

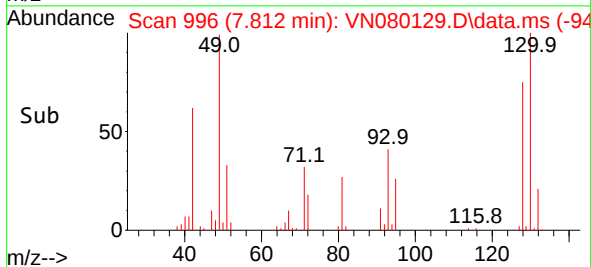
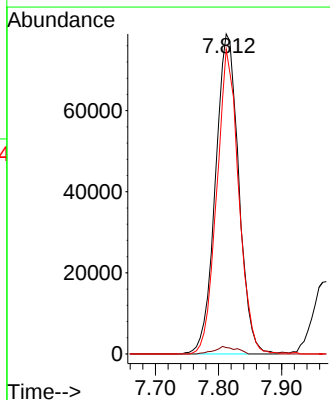
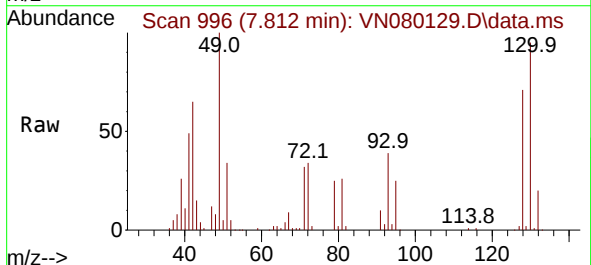
Manual Integrations
 APPROVED

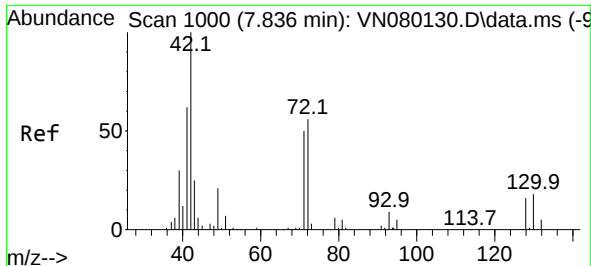
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#28
 Bromochloromethane
 Concen: 93.026 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080129.D
 Acq: 16 Nov 2023 11:34

Tgt Ion: 49 Resp: 202175
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 89.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 464.617 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 42403

Ion Ratio Lower Upper

42 100

72 55.9 49.8 74.6

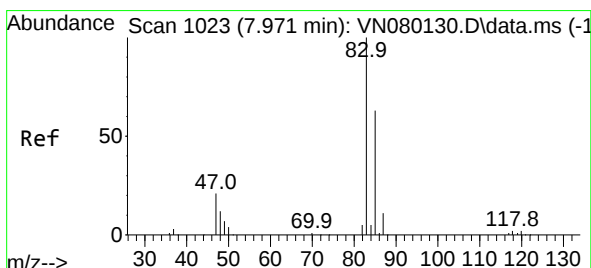
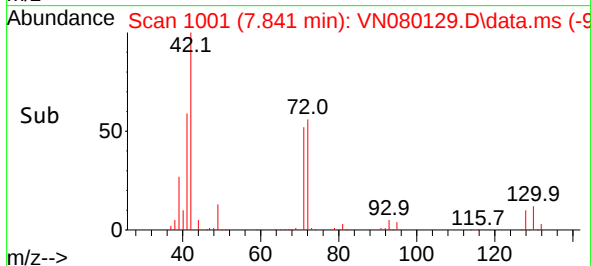
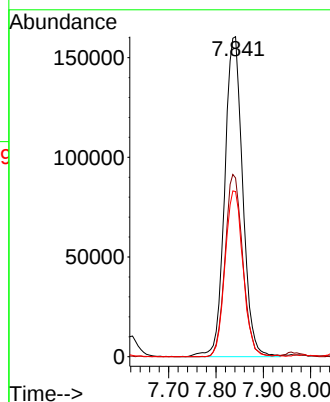
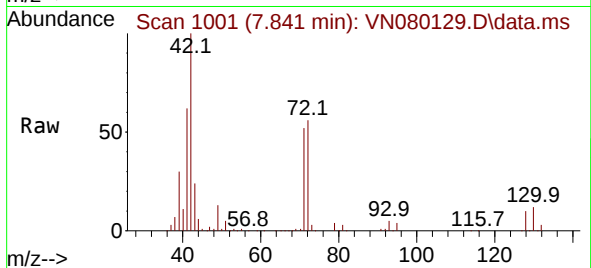
71 51.8 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#30

Chloroform

Concen: 93.320 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080129.D

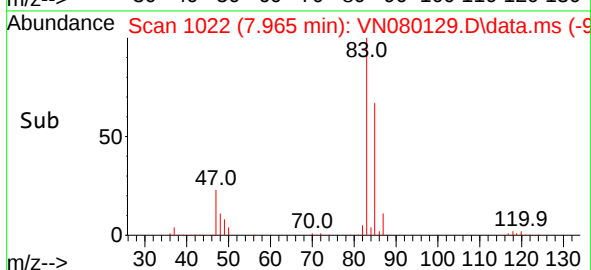
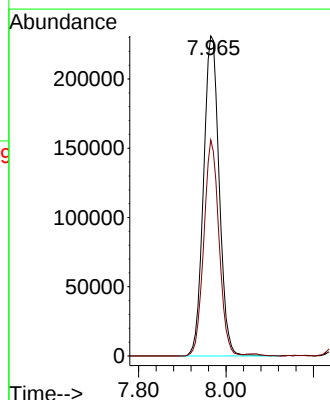
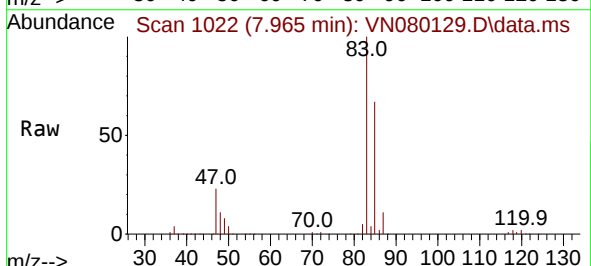
Acq: 16 Nov 2023 11:34

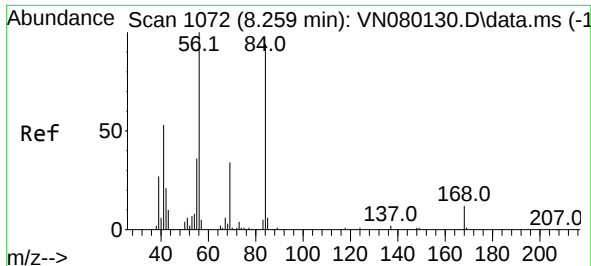
Tgt Ion: 83 Resp: 576622

Ion Ratio Lower Upper

83 100

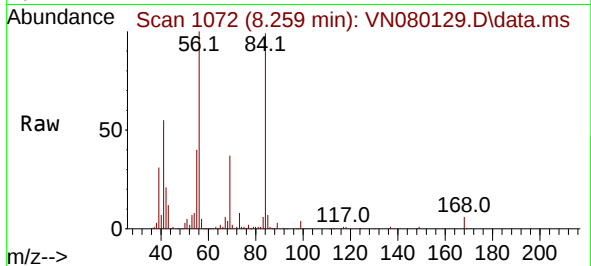
85 67.5 55.4 83.0





#31
Cyclohexane
Concen: 91.185 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

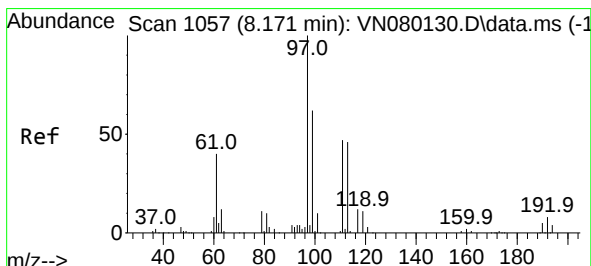
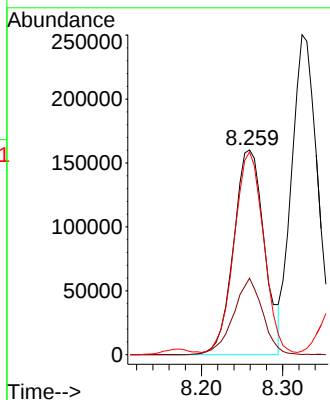
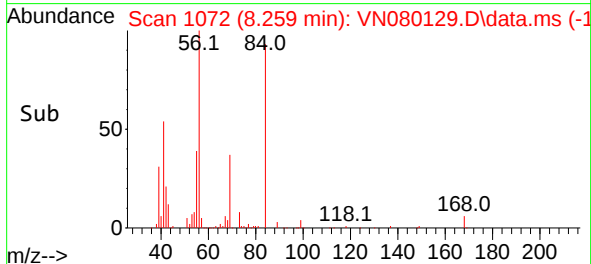
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 422429
Ion Ratio Lower Upper
56 100
69 37.3 26.8 40.2
84 96.2 81.8 122.6

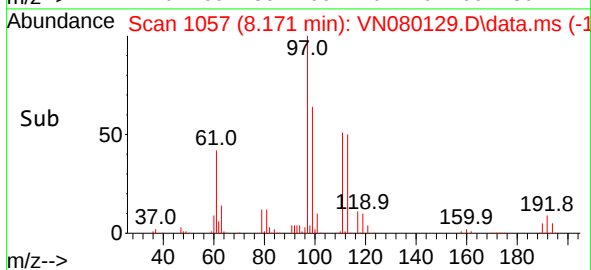
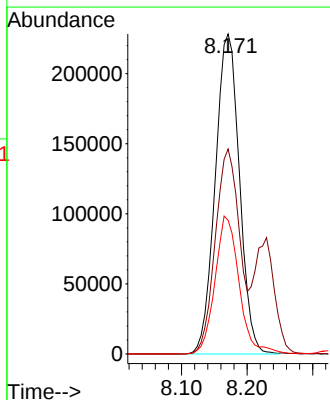
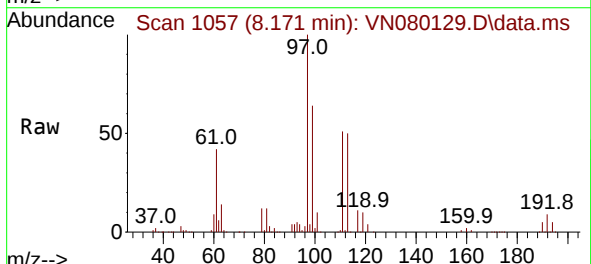
Manual Integrations
APPROVED

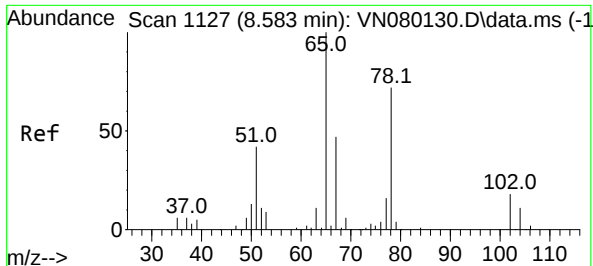
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#32
1,1,1-Trichloroethane
Concen: 96.912 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion: 97 Resp: 583971
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 43.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 91.809 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 391092

Ion Ratio Lower Upper

65 100

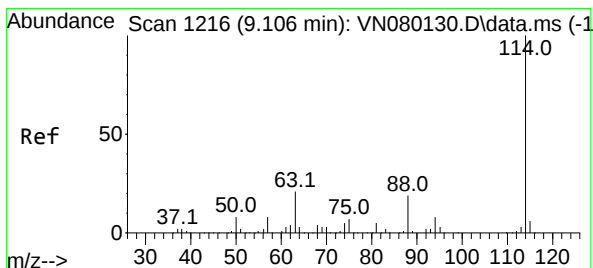
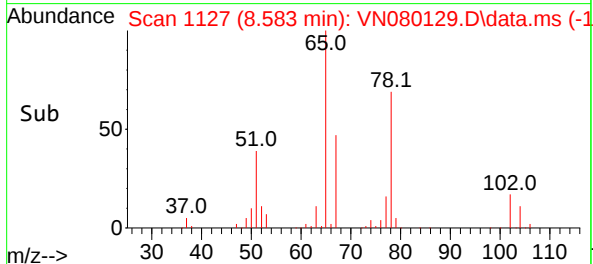
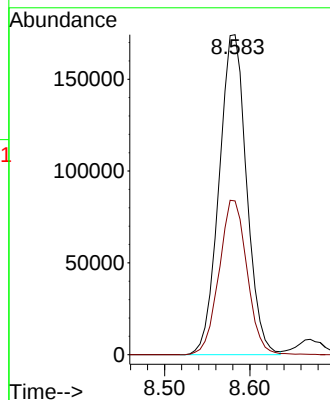
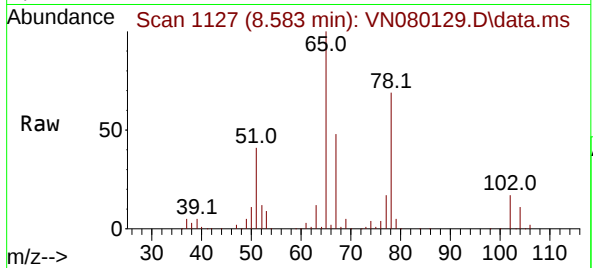
67 49.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

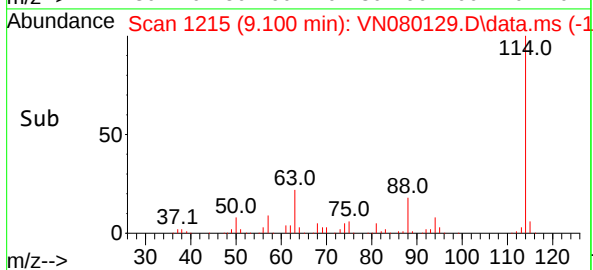
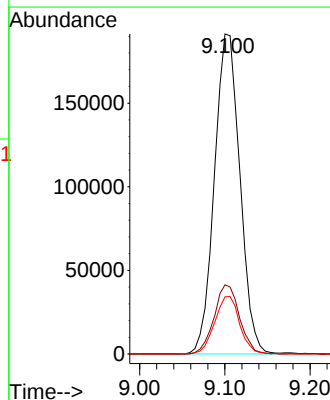
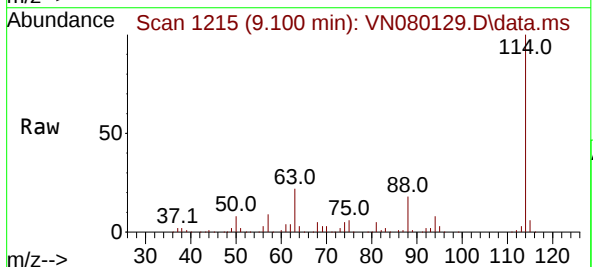
Tgt Ion:114 Resp: 397970

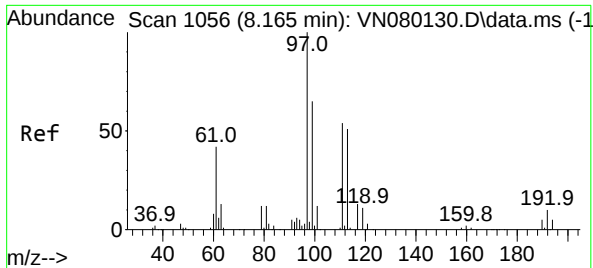
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

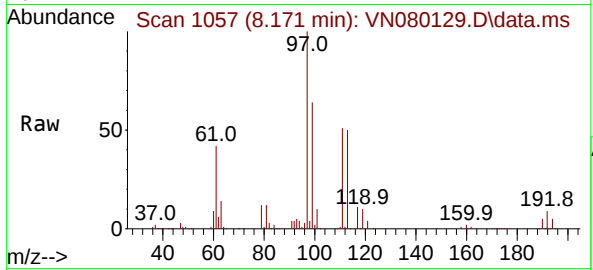
88 17.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 94.633 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

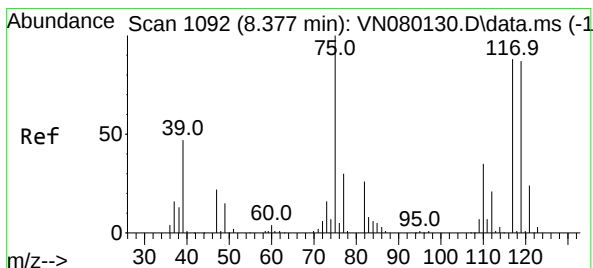
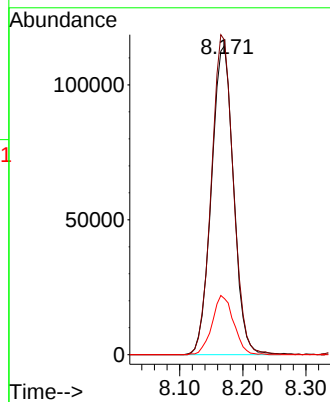
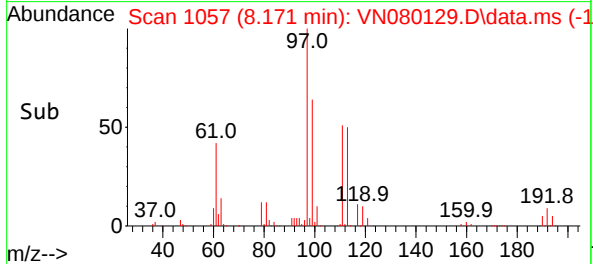
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



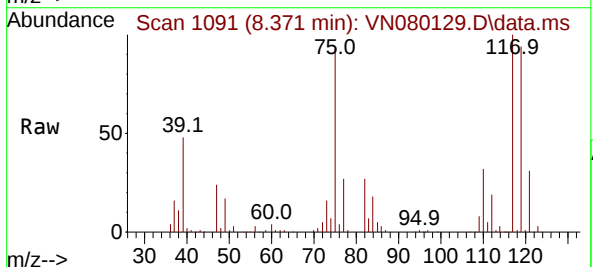
Tgt Ion: 113 Resp: 27788
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 18.7 12.7 19.1

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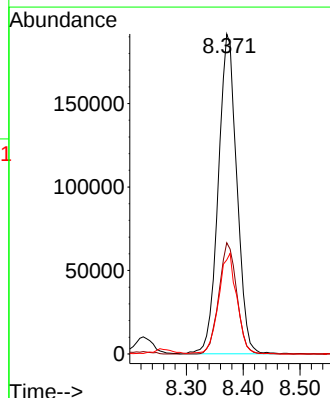
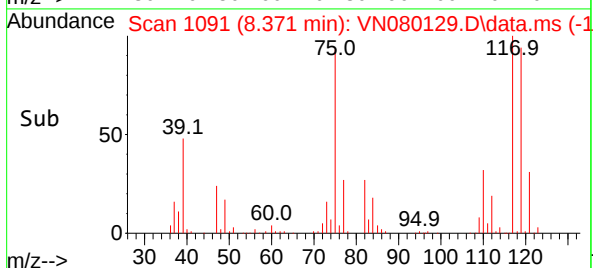
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

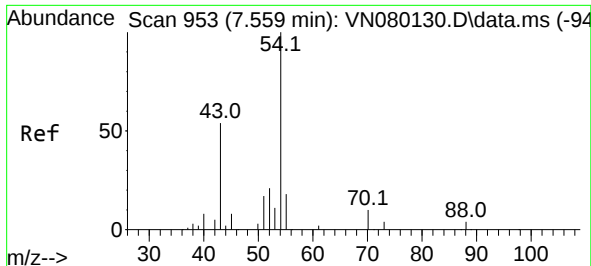


#36
1,1-Dichloropropene
Concen: 102.094 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34



Tgt Ion: 75 Resp: 434050
Ion Ratio Lower Upper
75 100
110 33.7 19.1 57.3
77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 94.408 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 27840

Ion Ratio Lower Upper

43 100

61 14.3 13.2 19.8

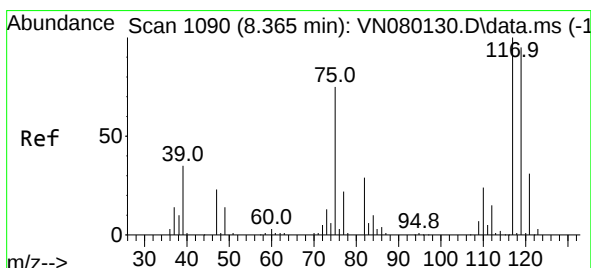
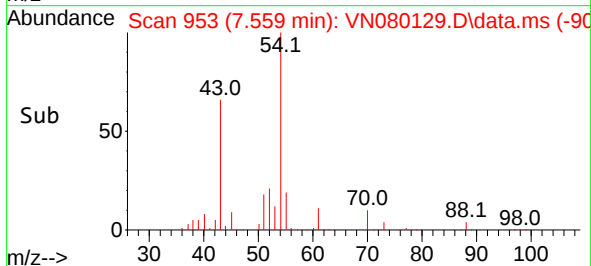
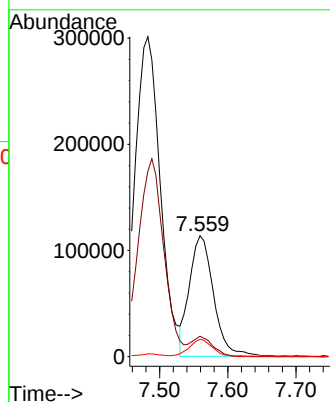
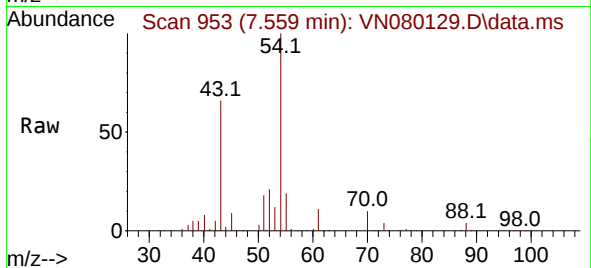
70 14.0 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#38

Carbon Tetrachloride

Concen: 100.710 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

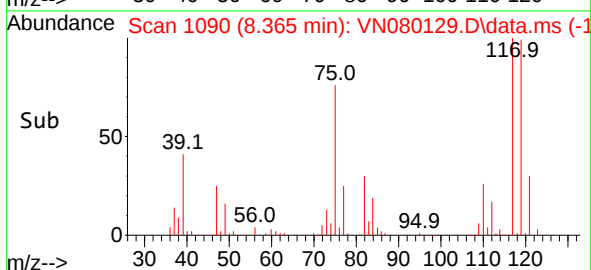
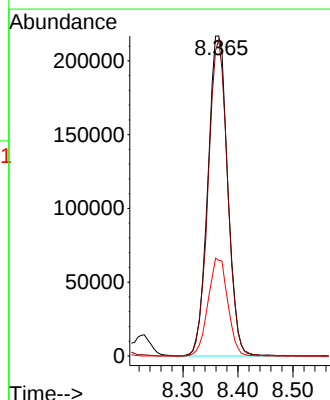
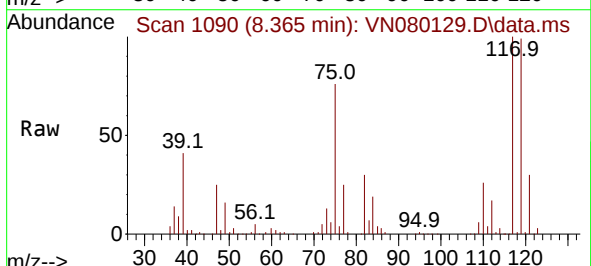
Tgt Ion:117 Resp: 543344

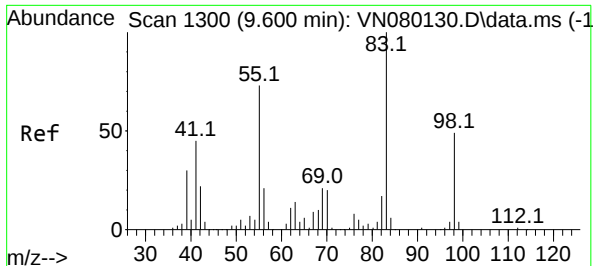
Ion Ratio Lower Upper

117 100

119 98.8 77.3 115.9

121 29.9 23.3 34.9





#39

Methylcyclohexane

Concen: 105.884 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 434049

Ion Ratio Lower Upper

83 100

55 72.4 49.1 73.7

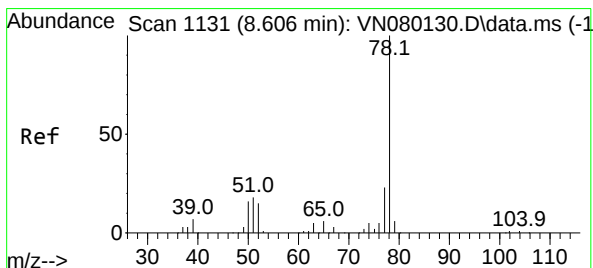
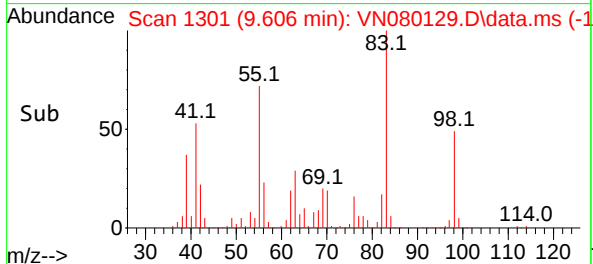
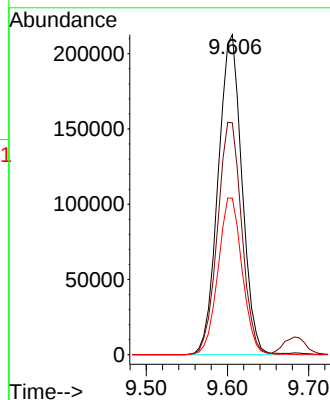
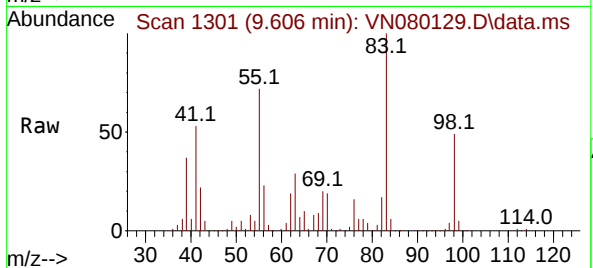
98 48.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#40

Benzene

Concen: 97.438 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080129.D

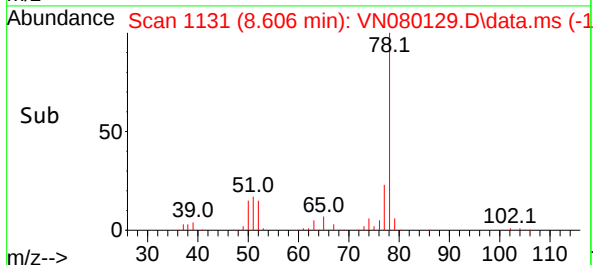
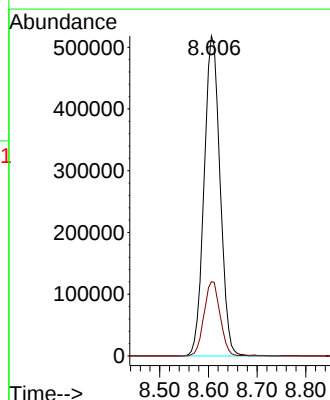
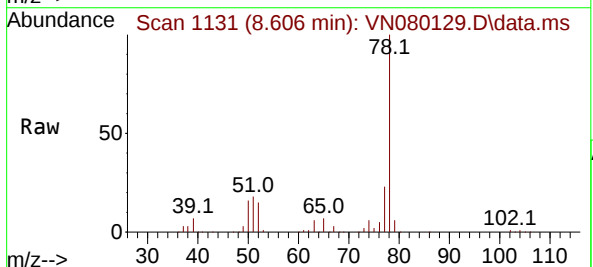
Acq: 16 Nov 2023 11:34

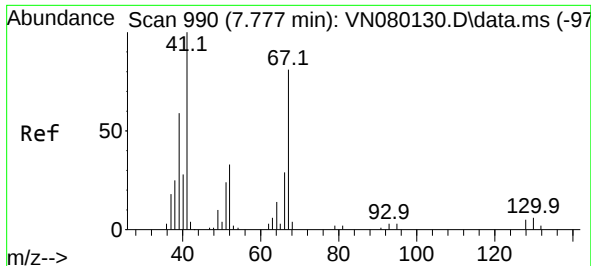
Tgt Ion: 78 Resp: 1177358

Ion Ratio Lower Upper

78 100

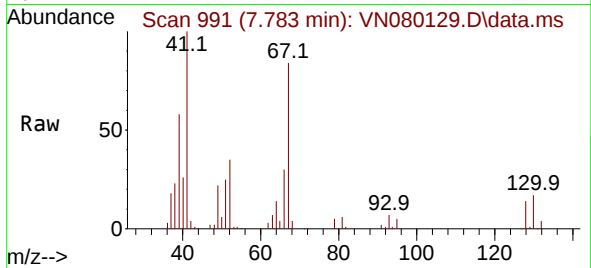
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 99.369 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

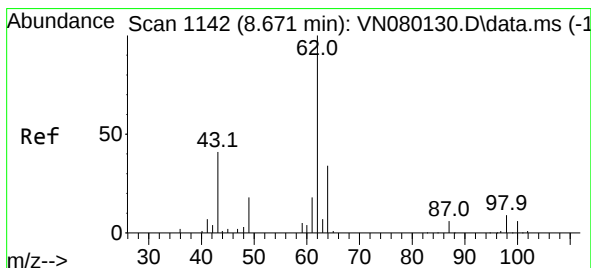
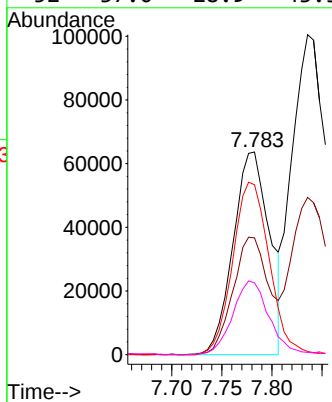
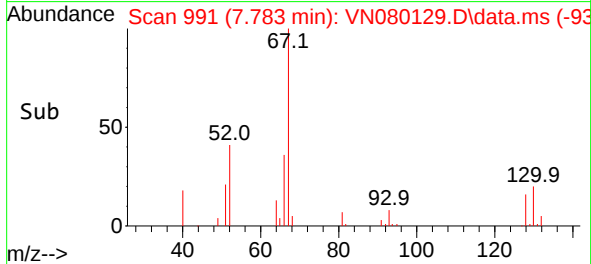
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 160920
Ion Ratio Lower Upper
41 100
39 57.1 42.6 64.0
67 85.7 77.5 116.3
52 37.0 28.9 43.3

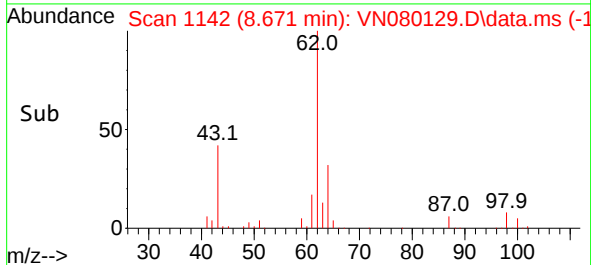
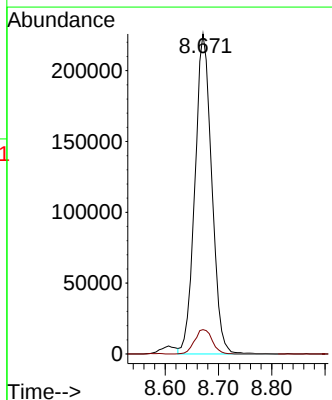
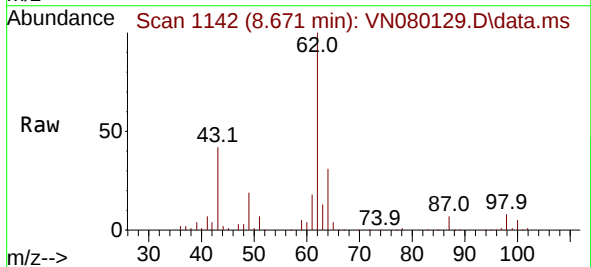
Manual Integrations
APPROVED

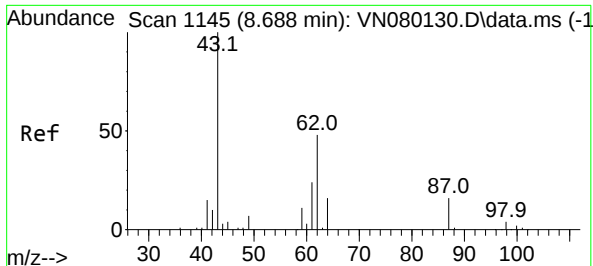
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#42
1,2-Dichloroethane
Concen: 99.901 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion: 62 Resp: 493863
Ion Ratio Lower Upper
62 100
98 8.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 89.069 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

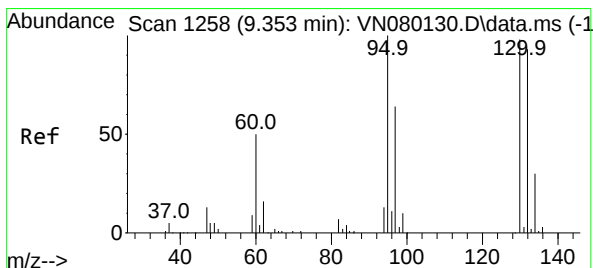
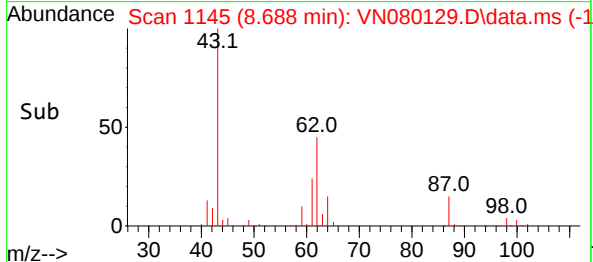
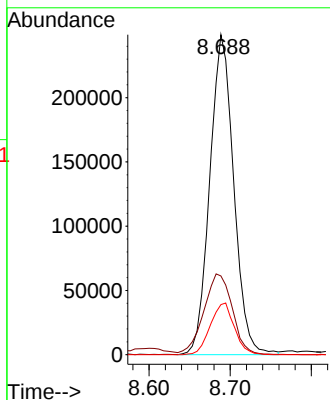
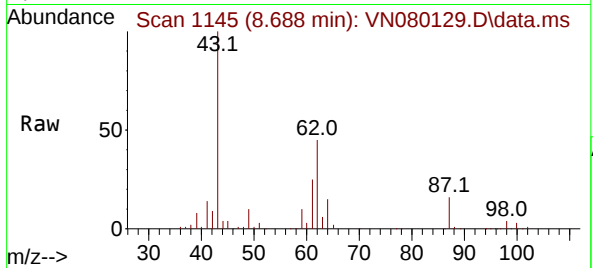
Tgt Ion: 43	Resp: 51113
Ion Ratio	Lower Upper
43	100
61	30.1 24.7 37.1
87	16.2 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#44

Trichloroethene

Concen: 96.795 ug/l

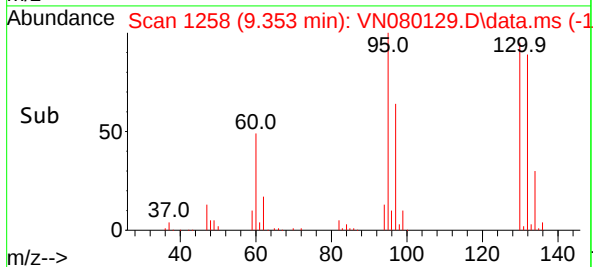
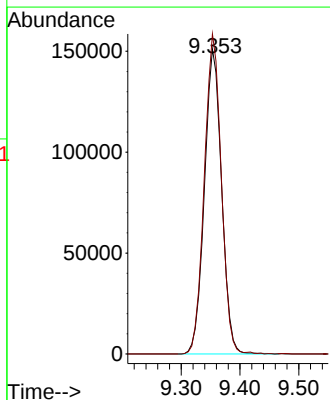
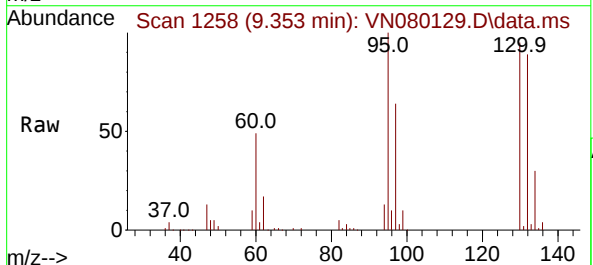
RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

Tgt Ion:130	Resp: 306798
Ion Ratio	Lower Upper
130	100
95	104.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 98.521 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 276650

Ion Ratio Lower Upper

63 100

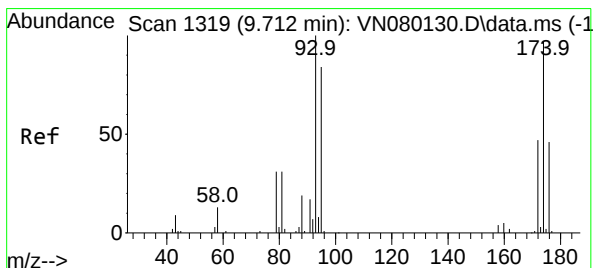
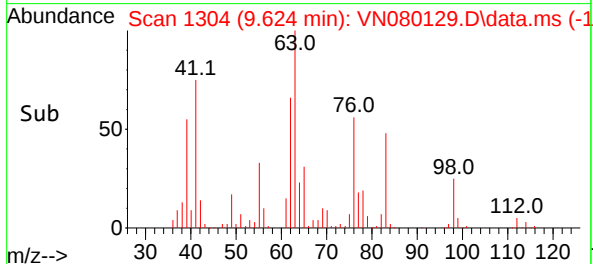
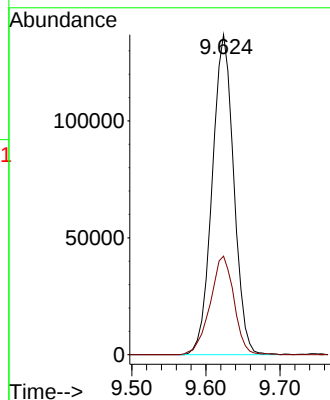
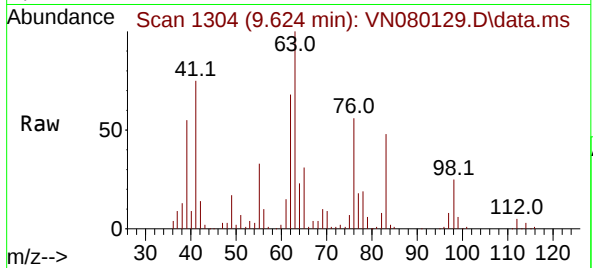
65 30.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#46

Dibromomethane

Concen: 97.599 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

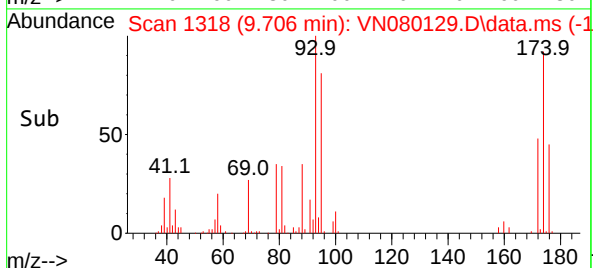
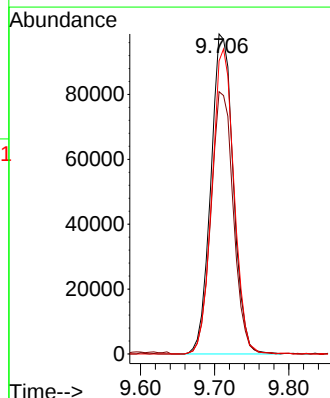
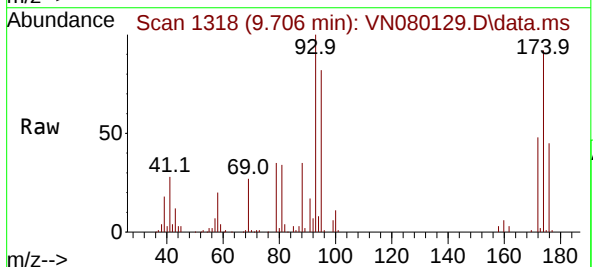
Tgt Ion: 93 Resp: 207455

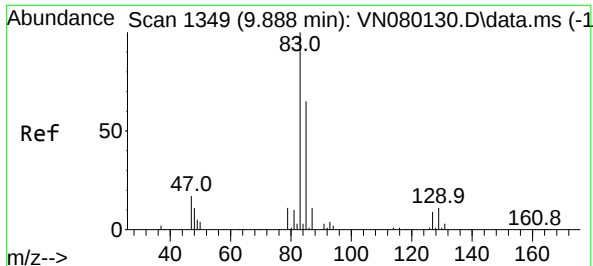
Ion Ratio Lower Upper

93 100

95 81.9 63.8 95.8

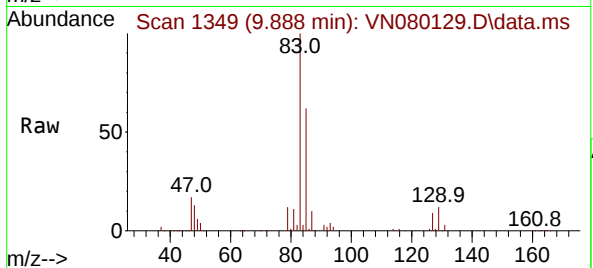
174 93.3 65.6 98.4





#47
Bromodichloromethane
Concen: 99.672 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

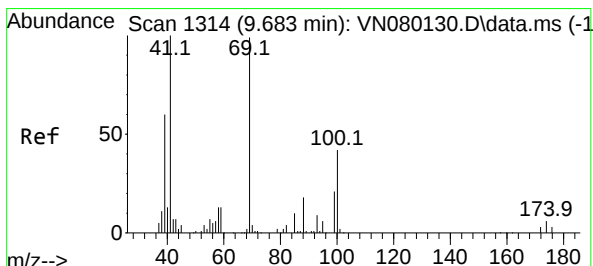
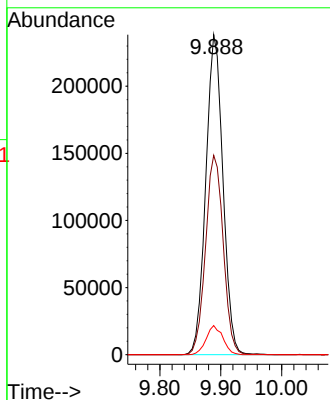
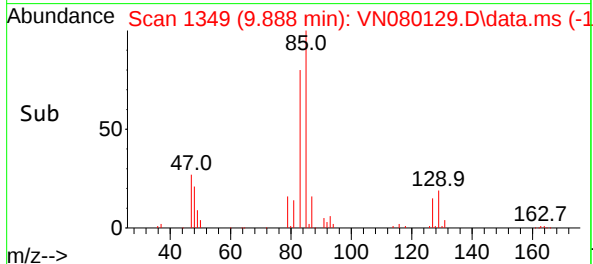
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 466038
Ion Ratio Lower Upper
83 100
85 62.3 49.6 74.4
127 9.1 7.0 10.6

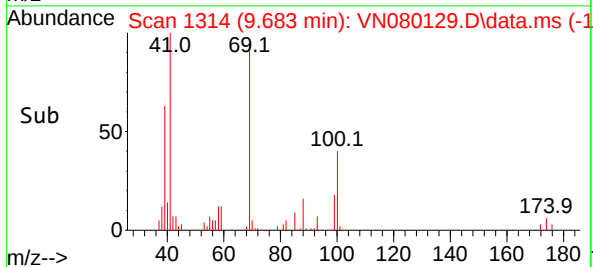
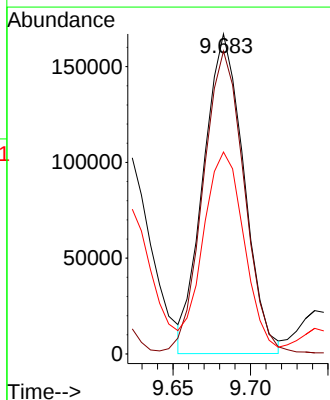
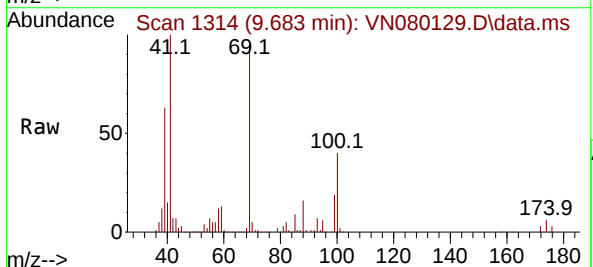
Manual Integrations
APPROVED

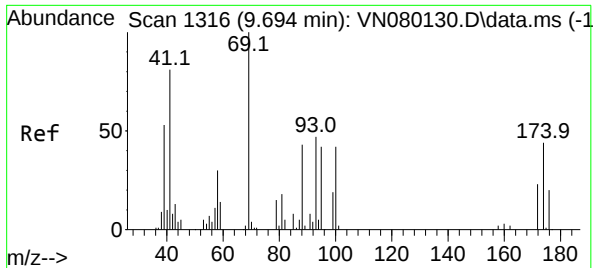
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#48
Methyl methacrylate
Concen: 102.186 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion: 41 Resp: 302200
Ion Ratio Lower Upper
41 100
69 96.4 90.4 135.6
39 64.6 54.6 81.8





#49

1,4-Dioxane

Concen: 1914.988 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 94215

Ion Ratio Lower Upper

88 100

43 28.5 17.0 25.6

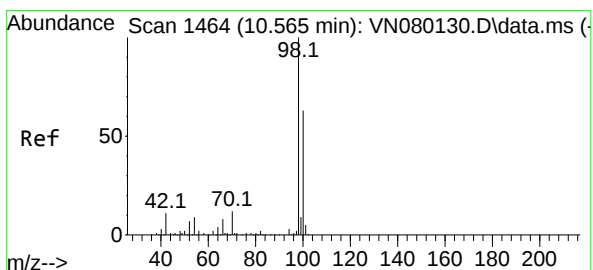
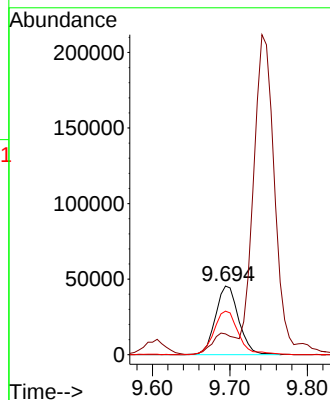
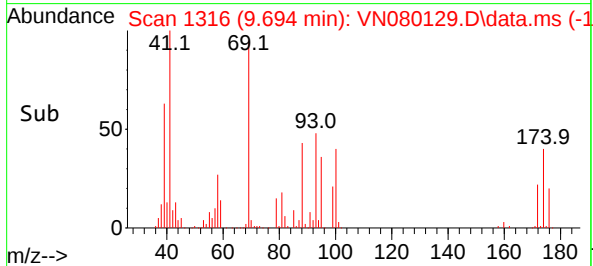
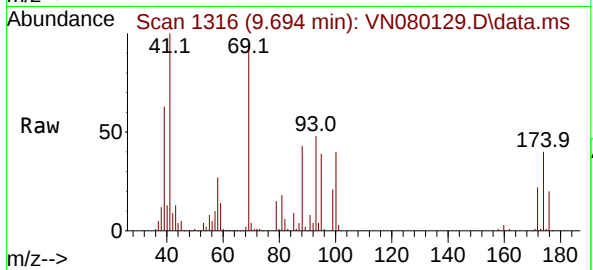
58 67.2 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#50

Toluene-d8

Concen: 97.568 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080129.D

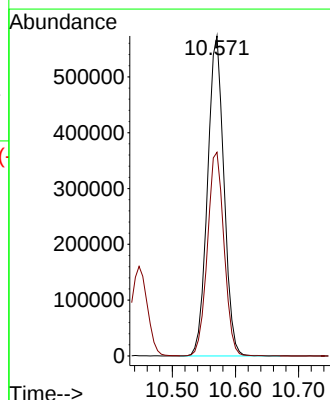
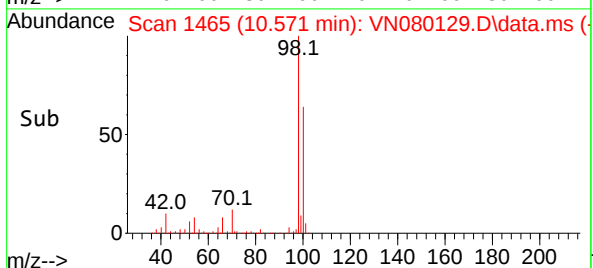
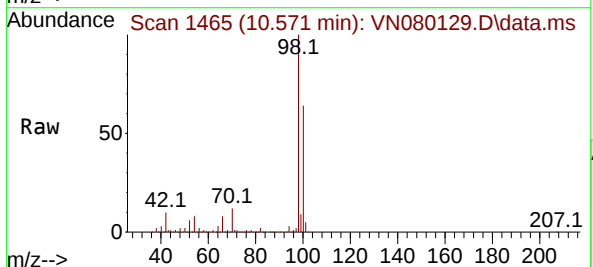
Acq: 16 Nov 2023 11:34

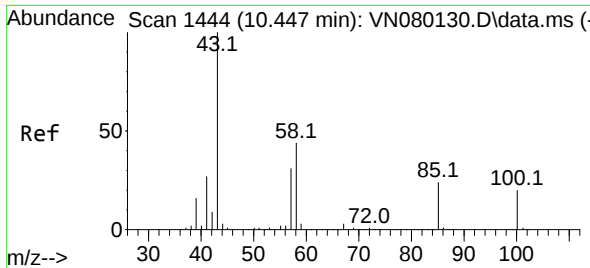
Tgt Ion: 98 Resp: 1032801

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





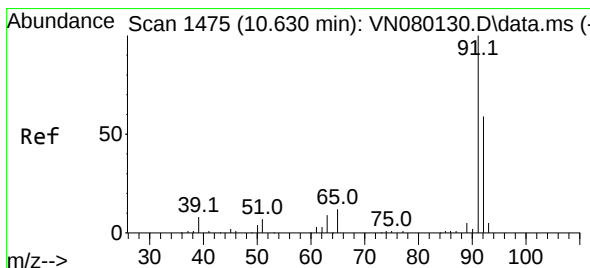
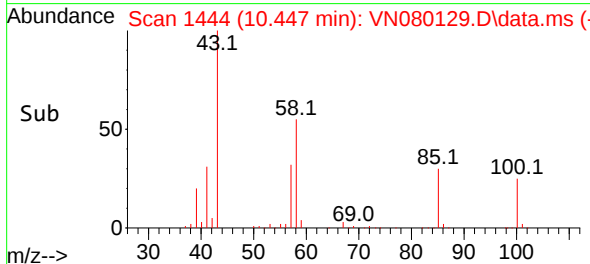
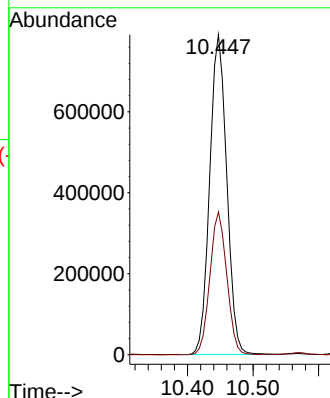
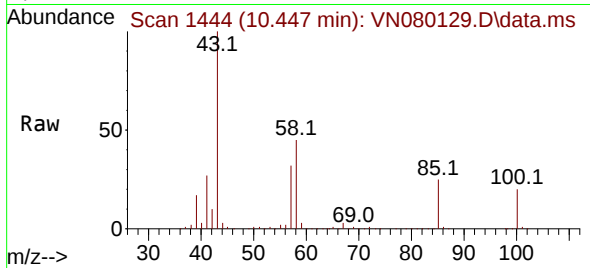
#51
4-Methyl-2-Pentanone
Concen: 480.993 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 142904
Ion Ratio Lower Upper
43 100
58 44.2 36.6 54.8

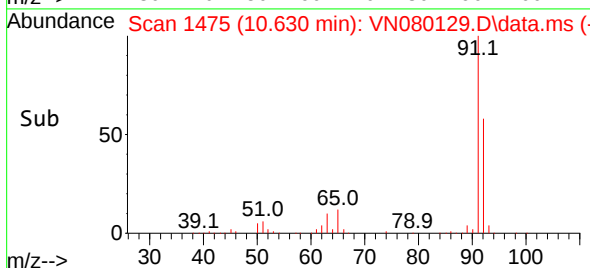
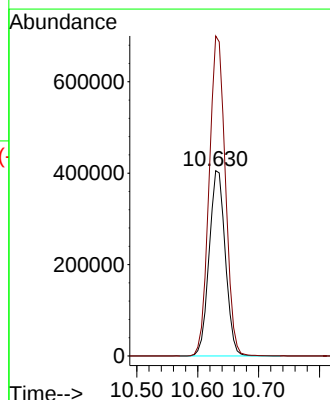
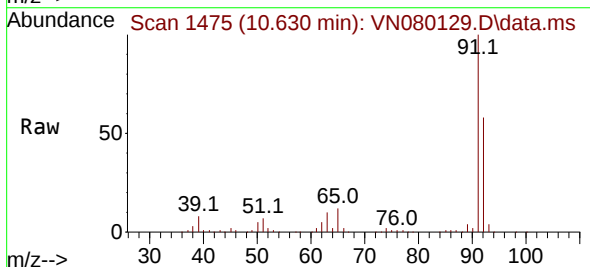
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#52
Toluene
Concen: 98.983 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion: 92 Resp: 748496
Ion Ratio Lower Upper
92 100
91 173.4 137.4 206.0





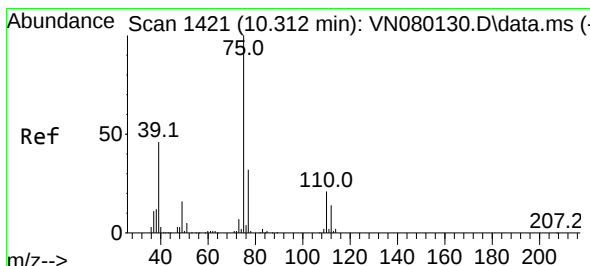
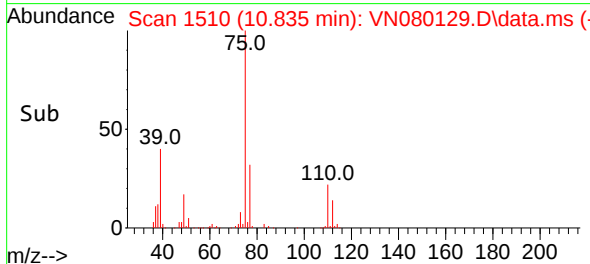
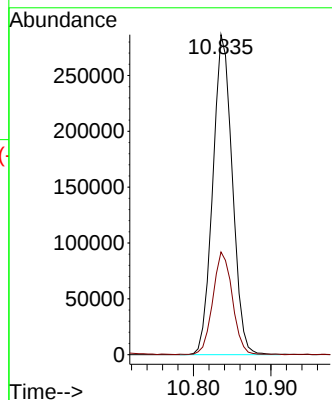
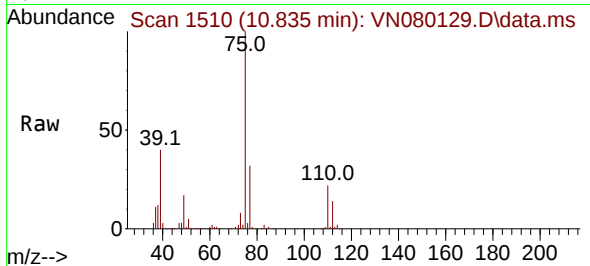
#53
t-1,3-Dichloropropene
Concen: 104.582 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 502402
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

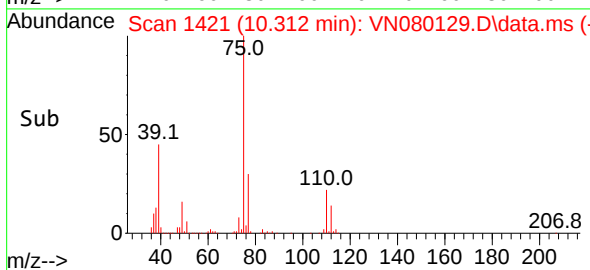
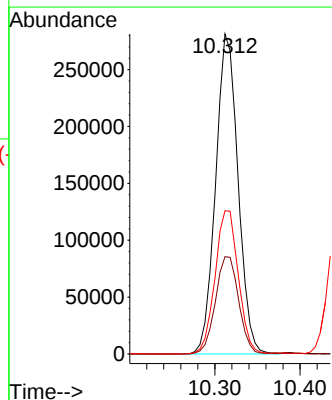
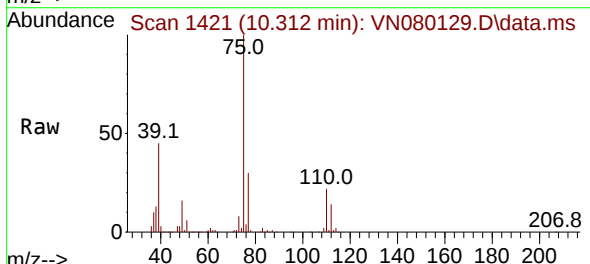
Manual Integrations
APPROVED

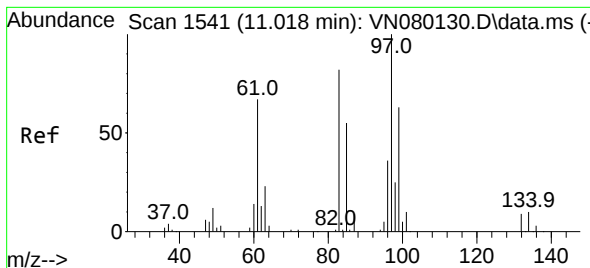
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#54
cis-1,3-Dichloropropene
Concen: 104.736 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

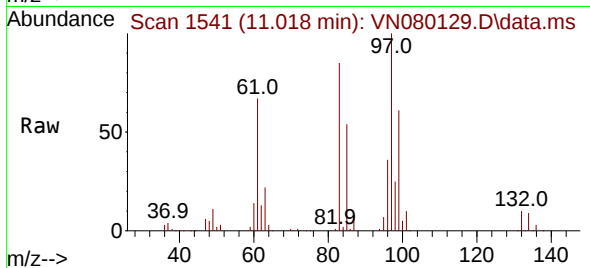
Tgt Ion: 75 Resp: 514038
Ion Ratio Lower Upper
75 100
77 30.4 26.1 39.1
39 44.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 96.222 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

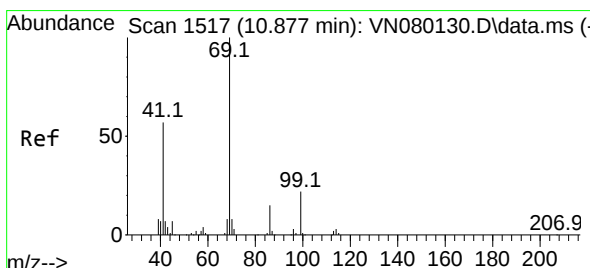
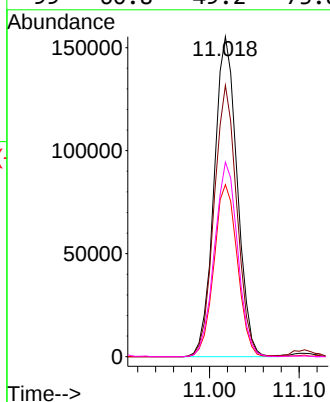
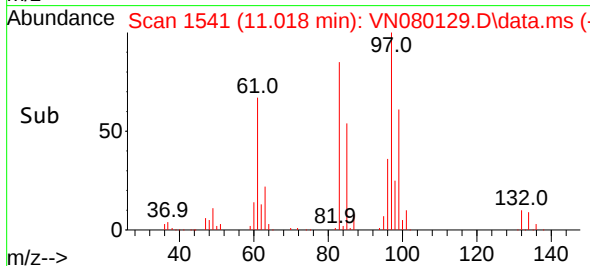
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



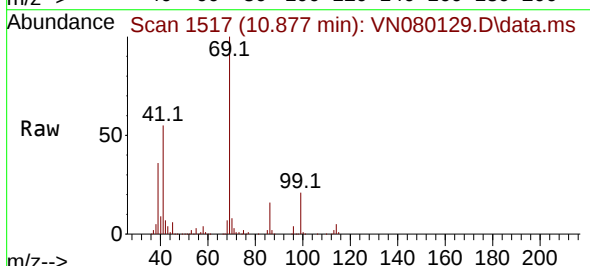
Tgt Ion: 97 Resp: 277712
Ion Ratio Lower Upper
97 100
83 84.8 65.1 97.7
85 53.8 43.4 65.2
99 60.8 49.2 73.8

Manual Integrations
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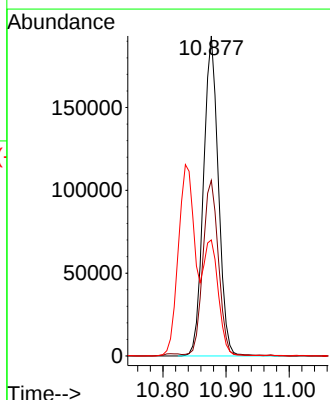
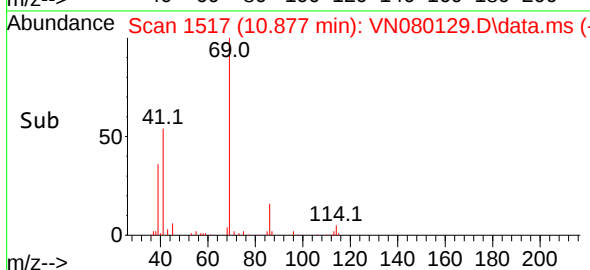
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

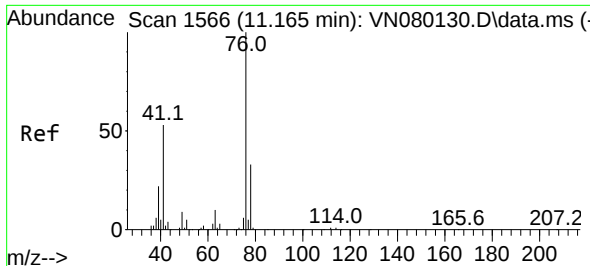


#56
Ethyl methacrylate
Concen: 107.429 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34



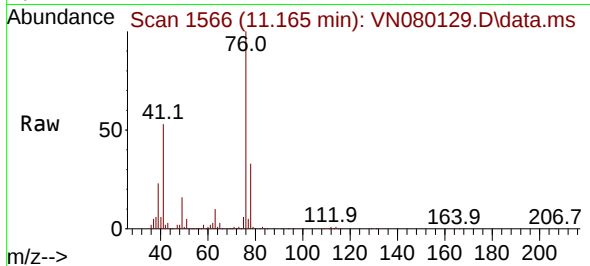
Tgt Ion: 69 Resp: 316750
Ion Ratio Lower Upper
69 100
41 56.6 39.6 59.4
39 35.3 28.6 43.0





#57
1,3-Dichloropropane
Concen: 97.550 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

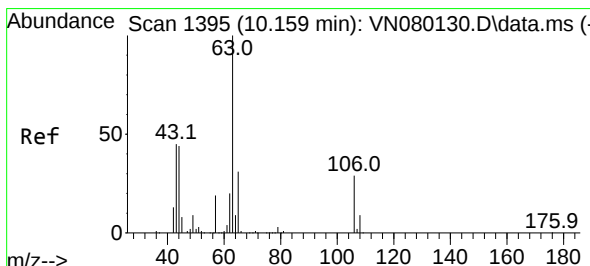
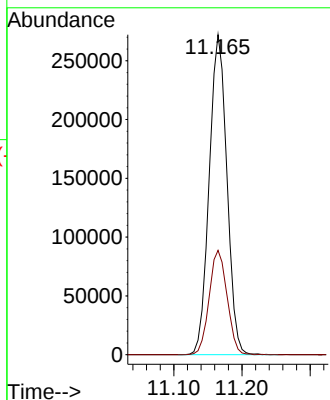
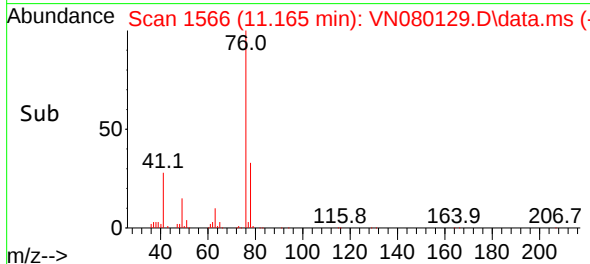
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



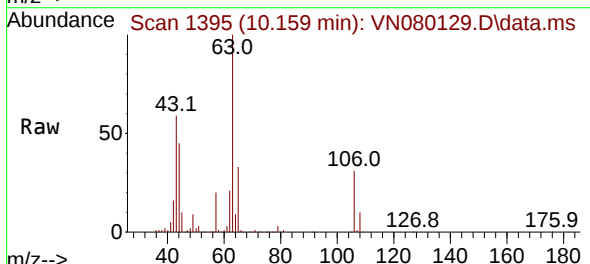
Tgt Ion: 76 Resp: 49156
Ion Ratio Lower Upper
76 100
78 33.0 26.1 39.1

Manual Integrations
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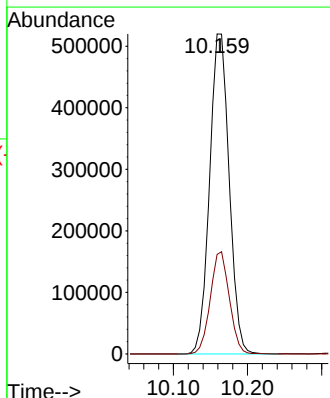
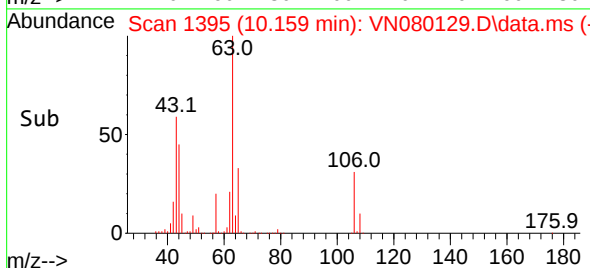
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

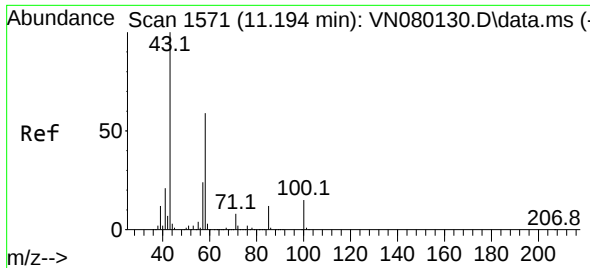


#58
2-Chloroethyl Vinyl ether
Concen: 574.247 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34



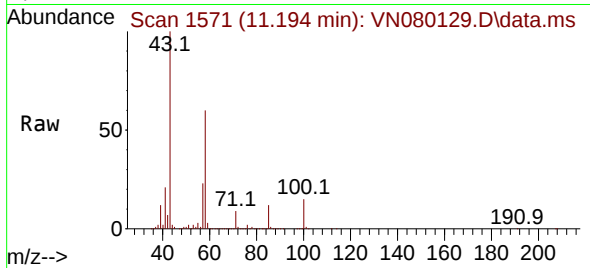
Tgt Ion: 63 Resp: 953865
Ion Ratio Lower Upper
63 100
106 31.0 26.2 39.4





#59
2-Hexanone
Concen: 491.456 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

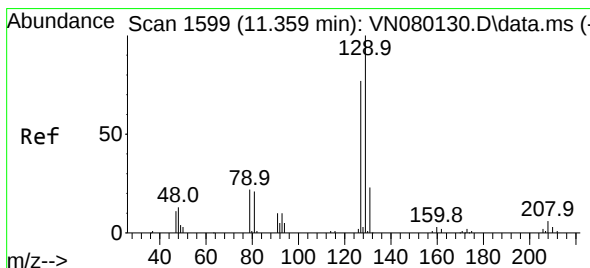
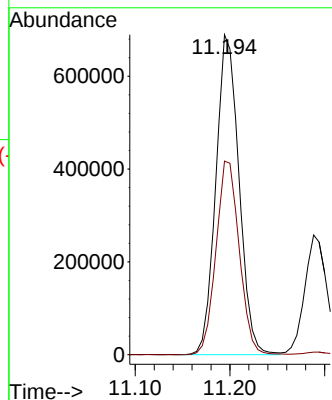
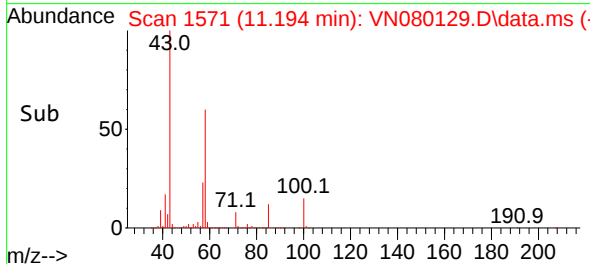
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 117329
Ion Ratio Lower Upper
43 100
58 60.7 31.7 95.1

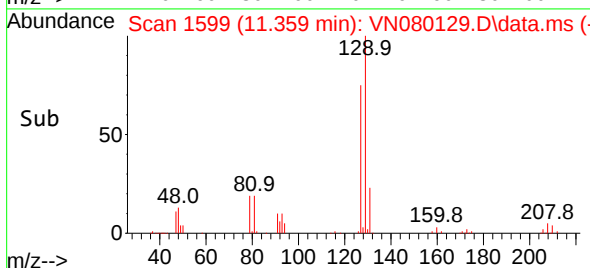
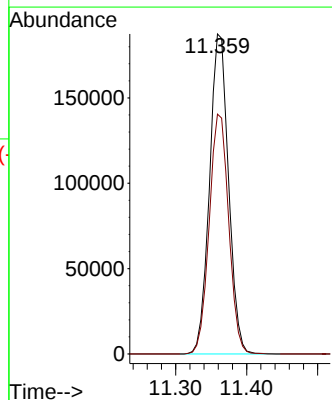
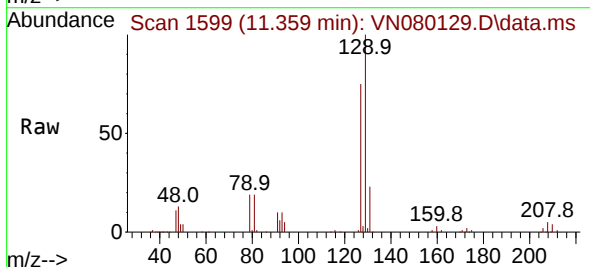
Manual Integrations
APPROVED

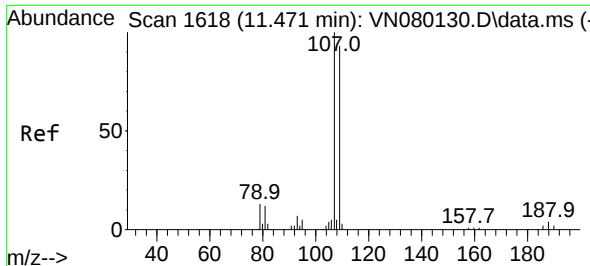
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#60
Dibromochloromethane
Concen: 100.661 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

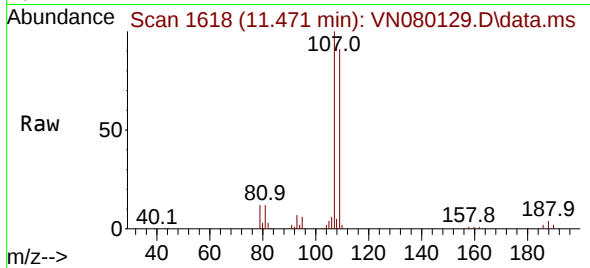
Tgt Ion:129 Resp: 347817
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 97.583 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

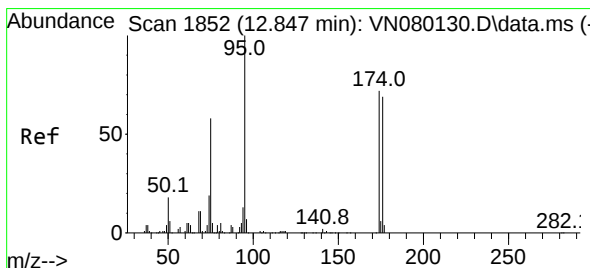
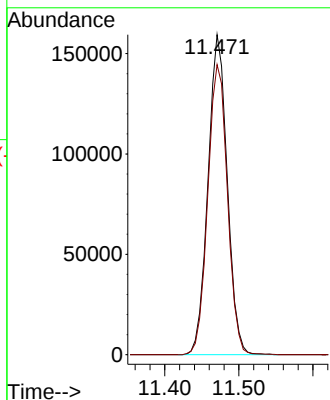
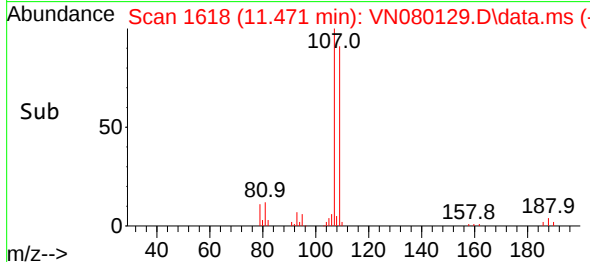
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



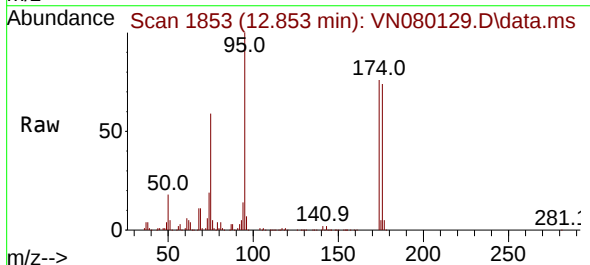
Tgt Ion:107 Resp: 28732
Ion Ratio Lower Upper
107 100
109 92.7 76.6 114.8

Manual Integrations
APPROVED

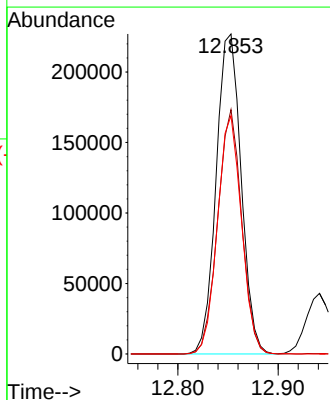
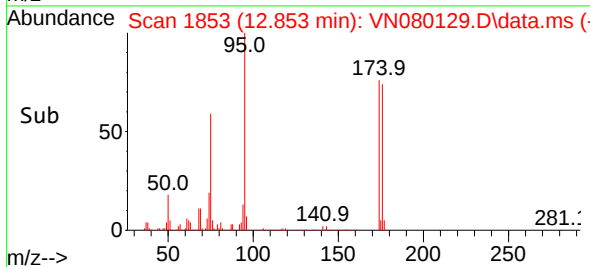
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

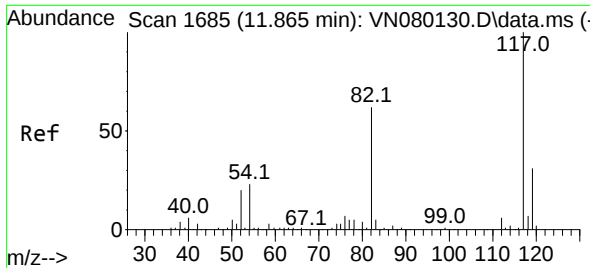


#62
4-Bromofluorobenzene
Concen: 98.367 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34



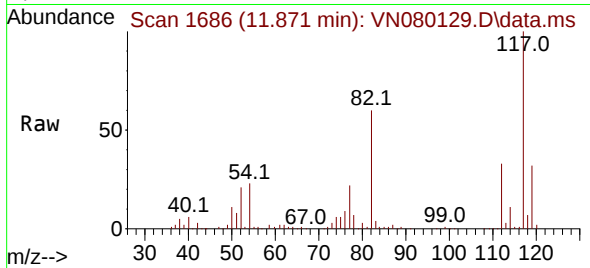
Tgt Ion: 95 Resp: 393303
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 71.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

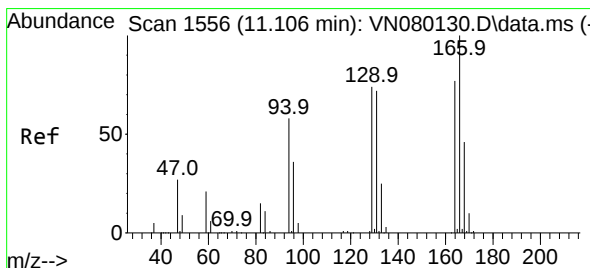
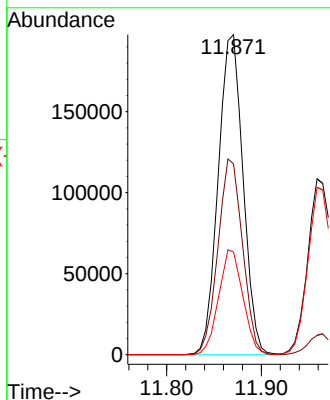
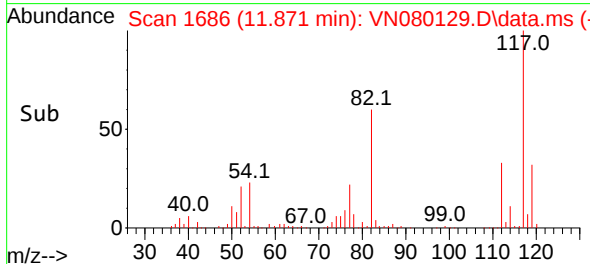
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 360208
Ion Ratio Lower Upper
117 100
82 59.6 44.0 66.0
119 32.1 25.6 38.4

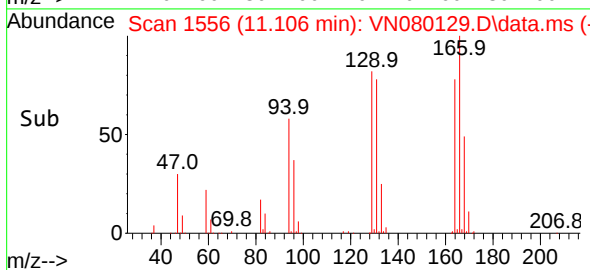
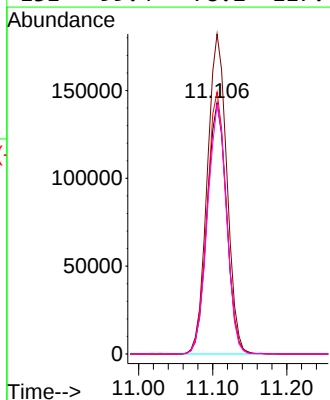
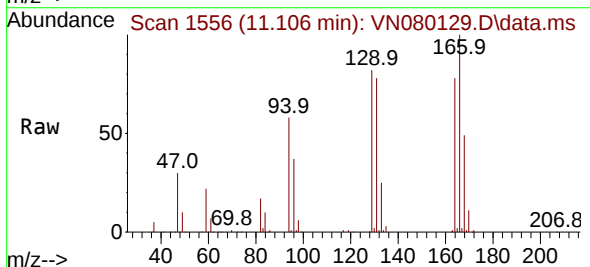
Manual Integrations
APPROVED

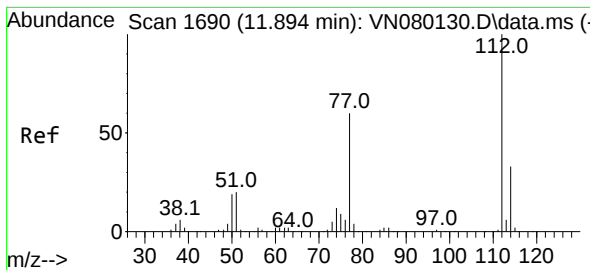
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#64
Tetrachloroethene
Concen: 95.203 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion:164 Resp: 261708
Ion Ratio Lower Upper
164 100
166 127.4 101.4 152.0
129 104.3 82.4 123.6
131 99.4 78.2 117.4





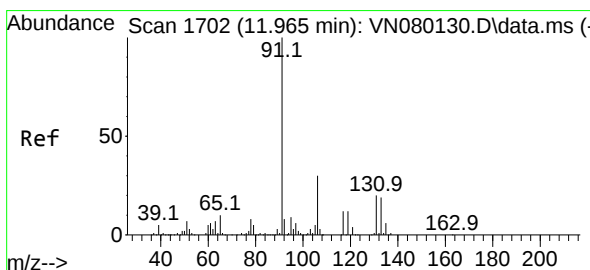
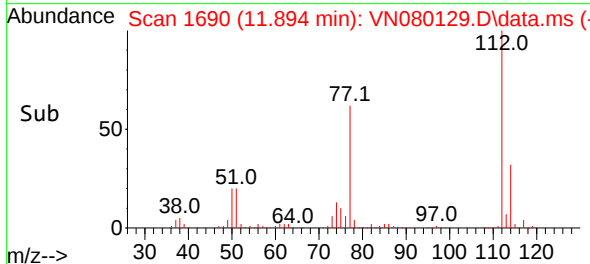
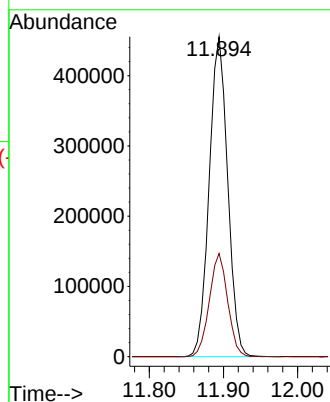
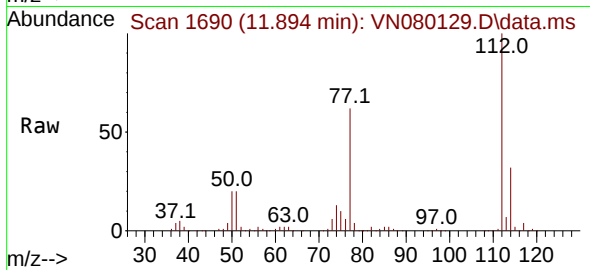
#65
Chlorobenzene
Concen: 96.622 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 788629
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

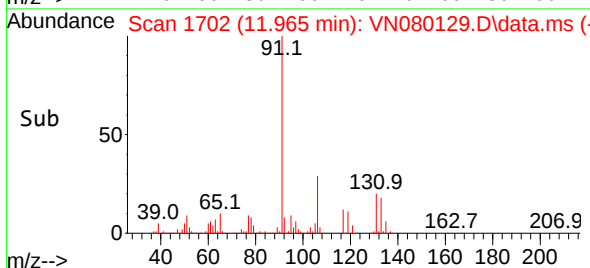
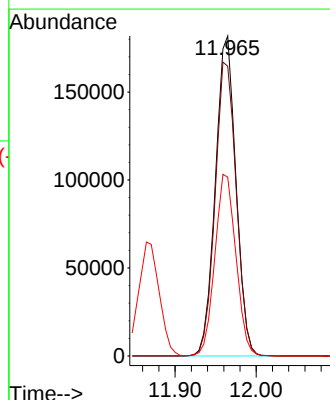
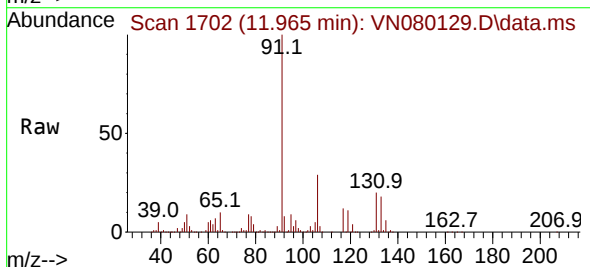
Manual Integrations
APPROVED

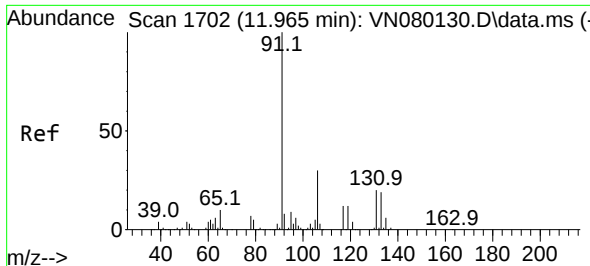
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 101.171 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion:131 Resp: 320446
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.1
119 58.1 34.1 102.2





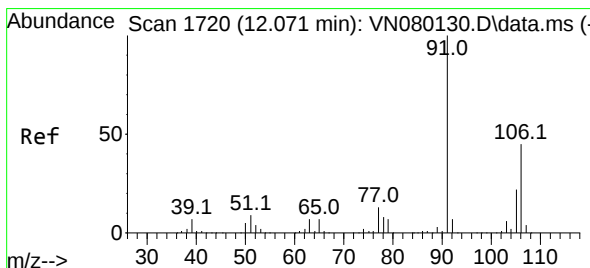
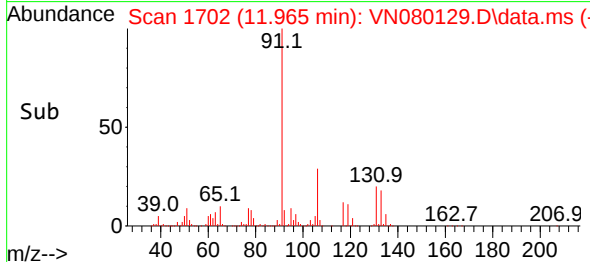
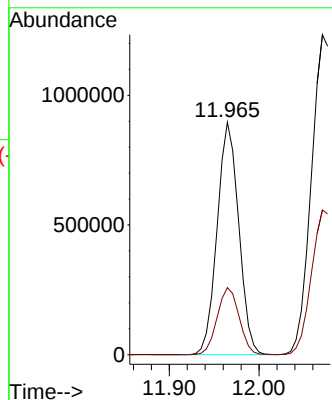
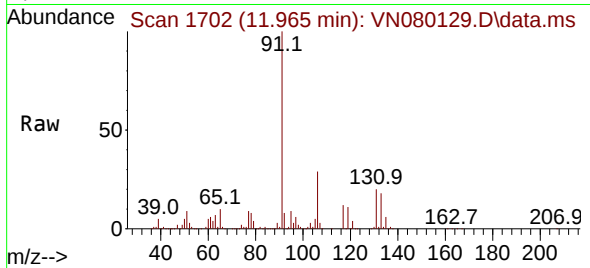
#67
Ethyl Benzene
Concen: 102.966 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 149546
Ion Ratio Lower Upper
91 100
106 28.8 25.6 38.4

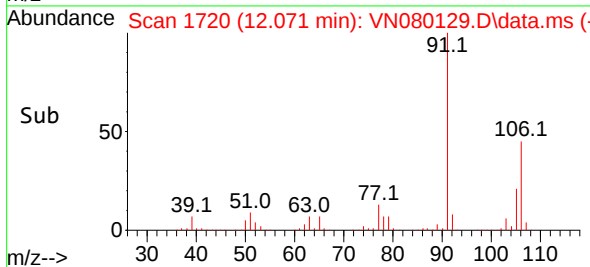
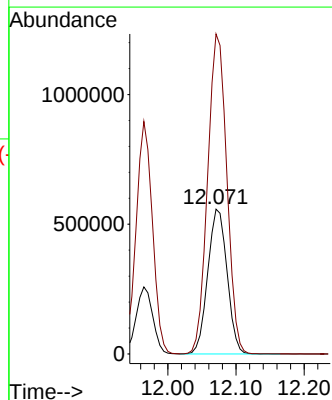
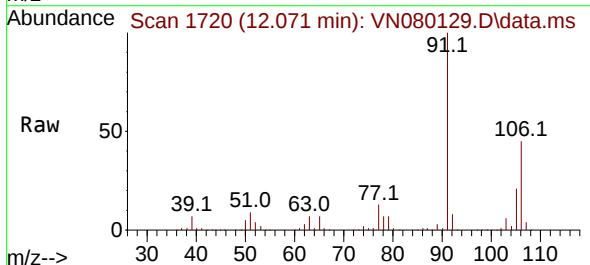
Manual Integrations
APPROVED

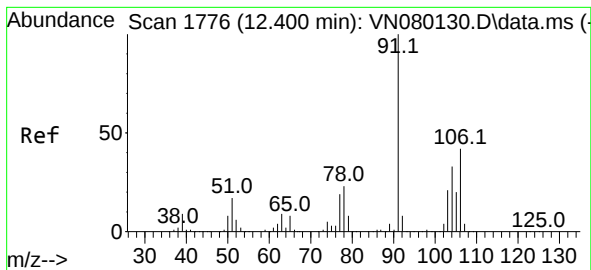
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#68
m/p-Xylenes
Concen: 207.651 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion:106 Resp: 1099610
Ion Ratio Lower Upper
106 100
91 219.4 159.6 239.4





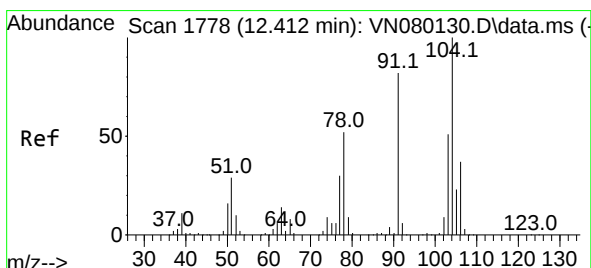
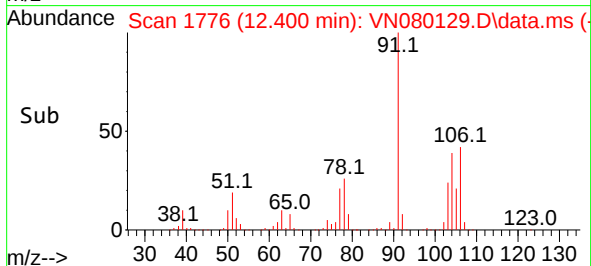
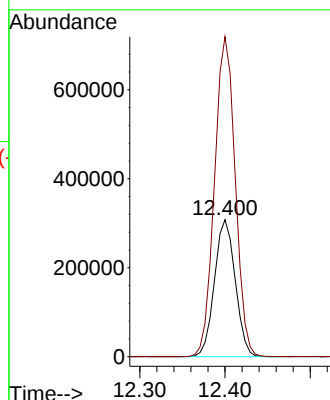
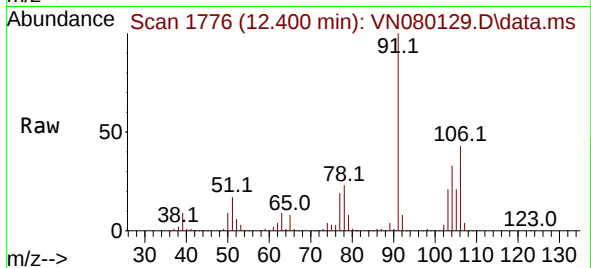
#69
o-Xylene
Concen: 104.549 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 52175
Ion Ratio Lower Upper
106 100
91 233.3 105.2 315.5

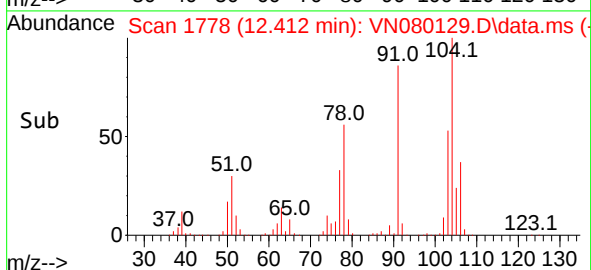
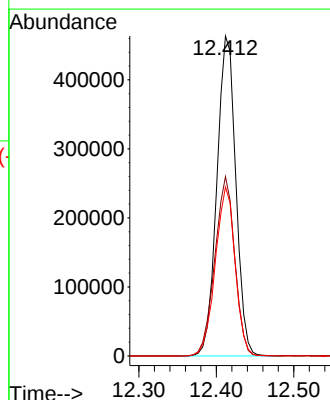
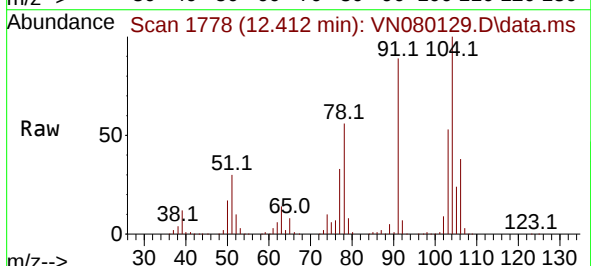
Manual Integrations
APPROVED

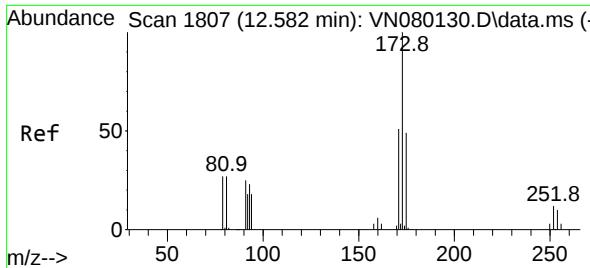
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#70
Styrene
Concen: 106.227 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

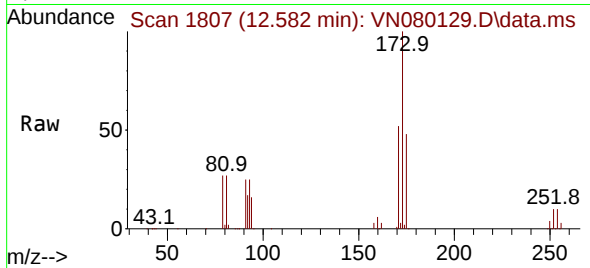
Tgt Ion:104 Resp: 789046
Ion Ratio Lower Upper
104 100
78 58.9 39.5 59.3
103 55.2 43.2 64.8





#71
Bromoform
Concen: 100.360 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

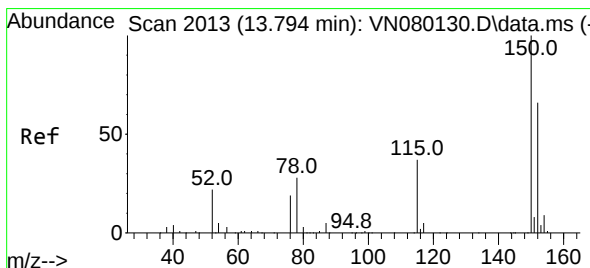
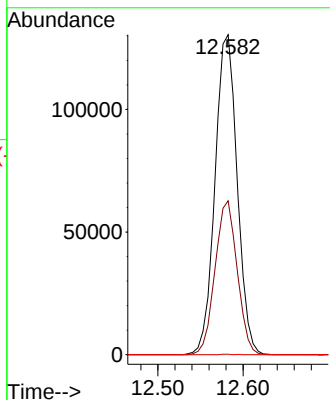
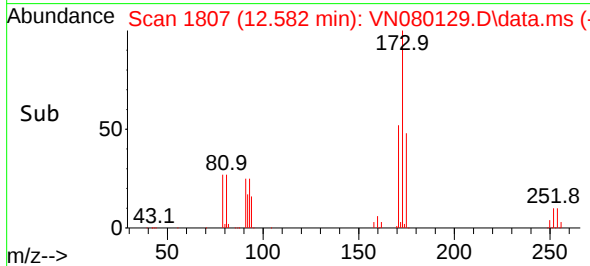
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



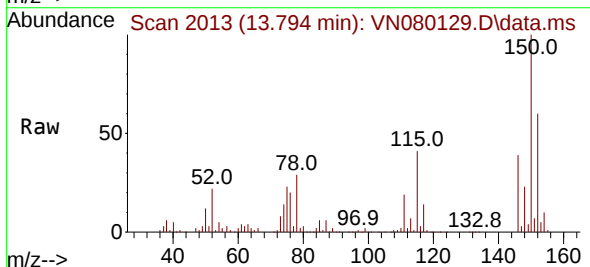
Tgt Ion:173 Resp: 23573
Ion Ratio Lower Upper
173 100
175 48.0 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

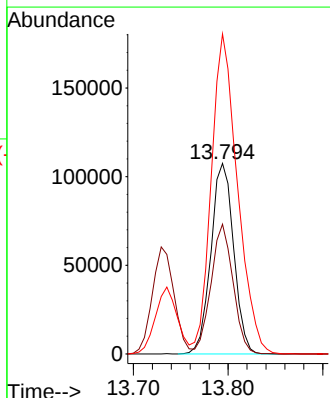
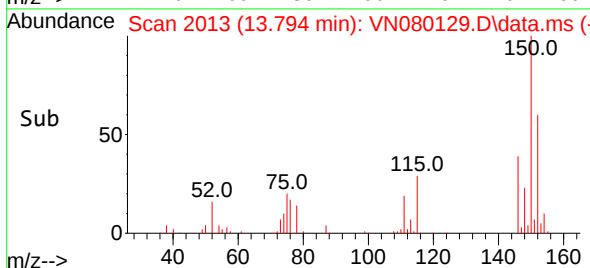
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

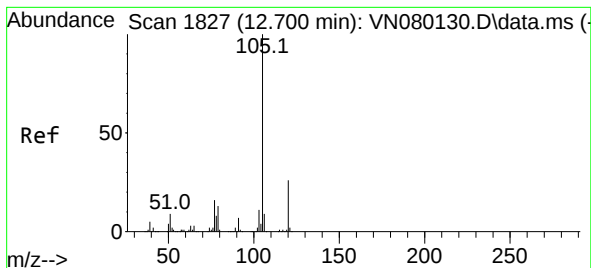


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34



Tgt Ion:152 Resp: 179384
Ion Ratio Lower Upper
152 100
115 65.9 32.3 96.8
150 193.4 0.0 355.8





#73

Isopropylbenzene

Concen: 101.286 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 141187

Ion Ratio Lower Upper

105 100

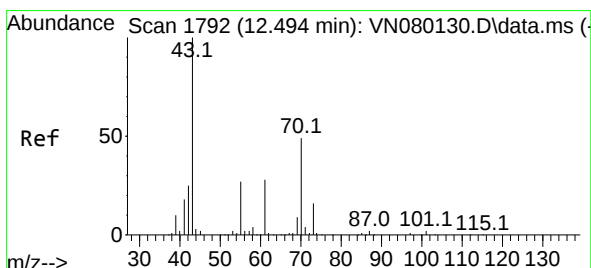
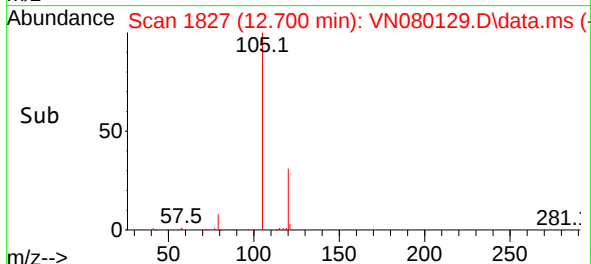
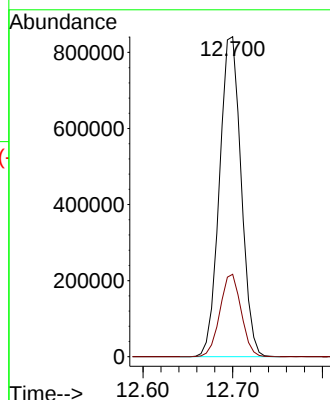
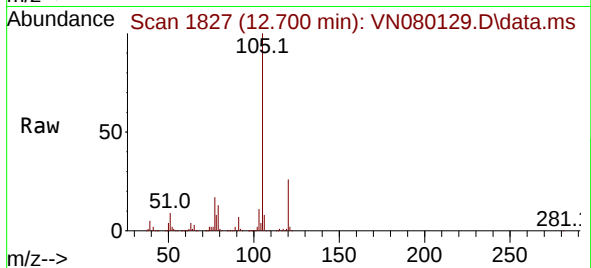
120 25.2 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#74

N-ethyl acetate

Concen: 98.201 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

Tgt Ion: 43 Resp: 426877

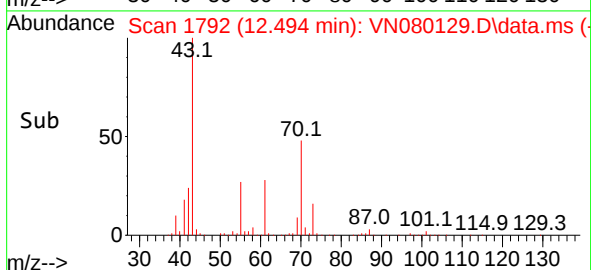
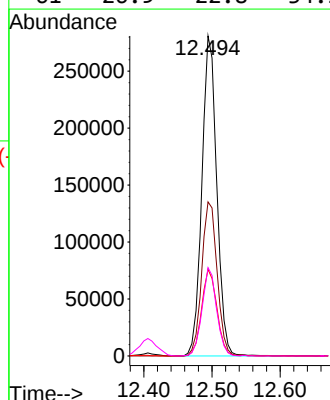
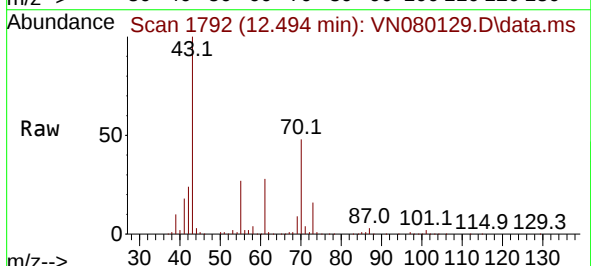
Ion Ratio Lower Upper

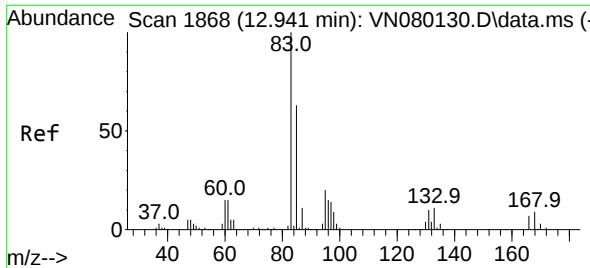
43 100

70 49.6 43.4 65.2

55 27.9 21.4 32.0

61 26.9 22.8 34.2





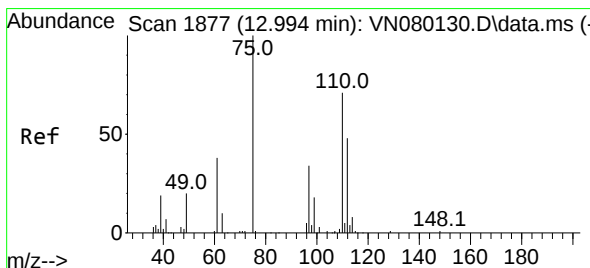
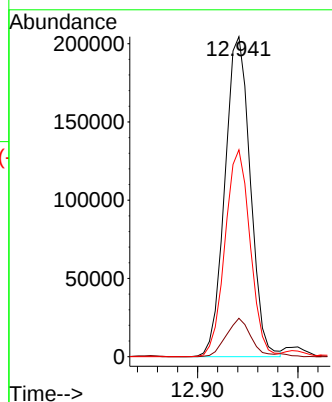
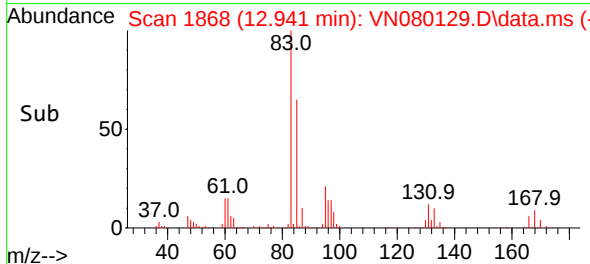
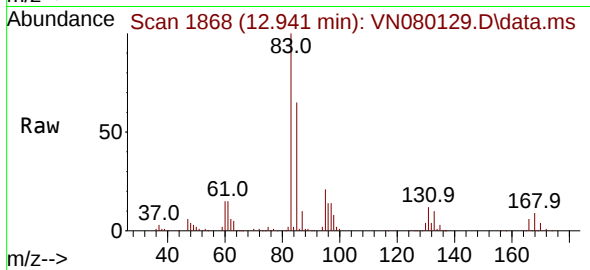
#75
1,1,2,2-Tetrachloroethane
Concen: 86.407 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 360492
Ion Ratio Lower Upper
83 100
131 12.0 5.0 15.0
85 64.0 31.9 95.7

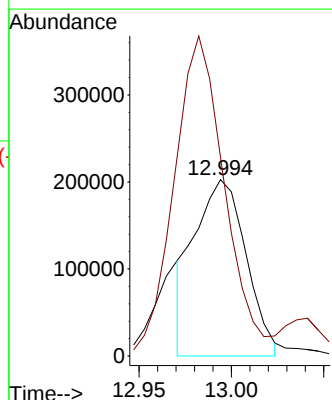
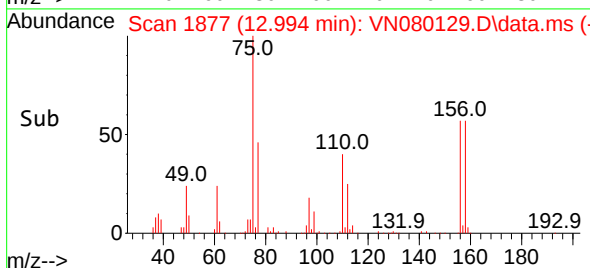
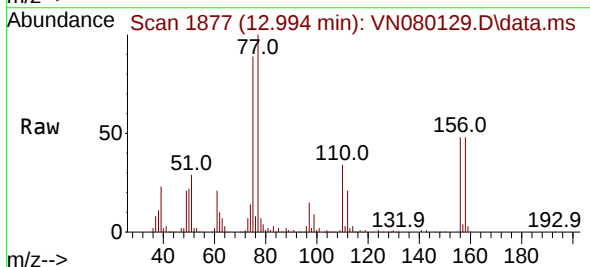
Manual Integrations
APPROVED

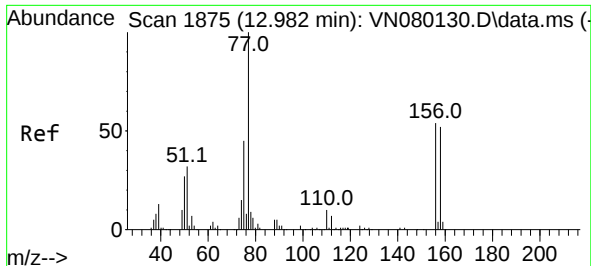
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#76
1,2,3-Trichloropropane
Concen: 89.855 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion: 75 Resp: 393003
Ion Ratio Lower Upper
75 100
77 177.2 84.5 253.5





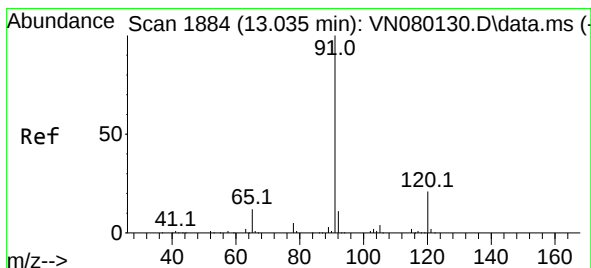
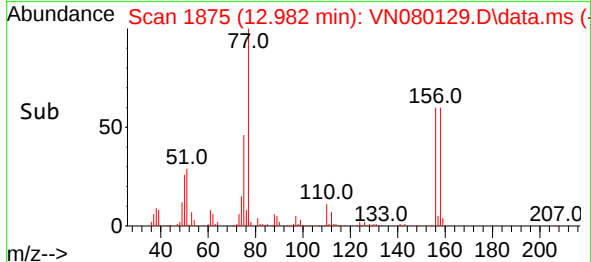
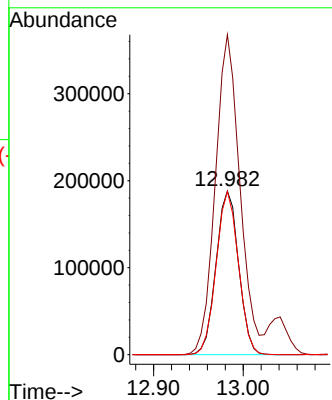
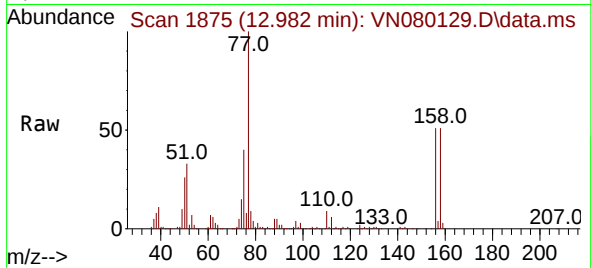
#77
Bromobenzene
Concen: 93.351 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:156 Resp: 32807
Ion Ratio Lower Upper
156 100
77 212.2 107.7 323.3
158 98.4 48.4 145.3

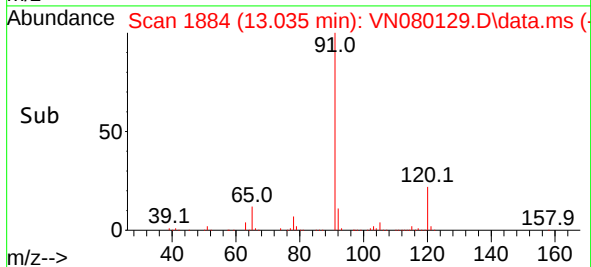
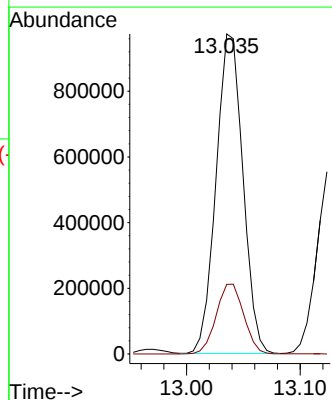
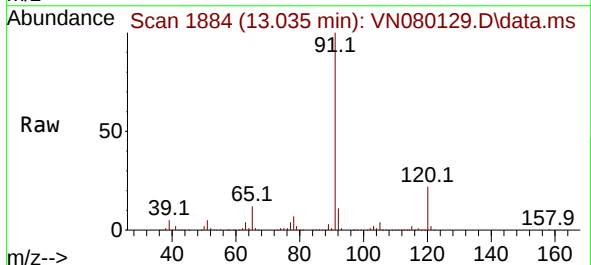
Manual Integrations
APPROVED

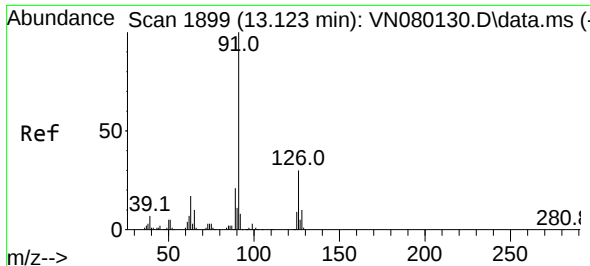
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#78
n-propylbenzene
Concen: 102.529 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion: 91 Resp: 1598184
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





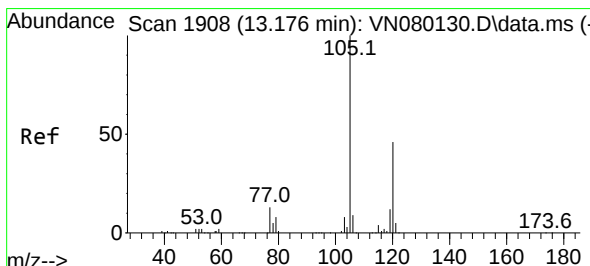
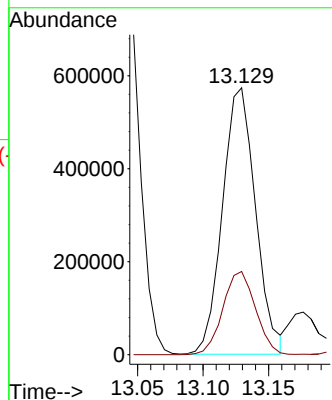
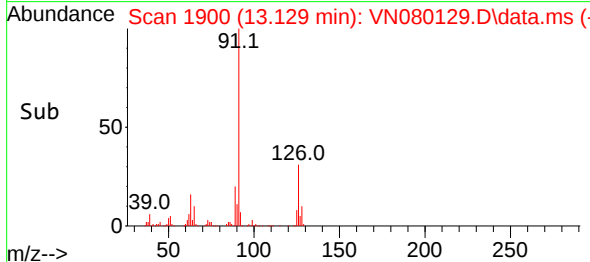
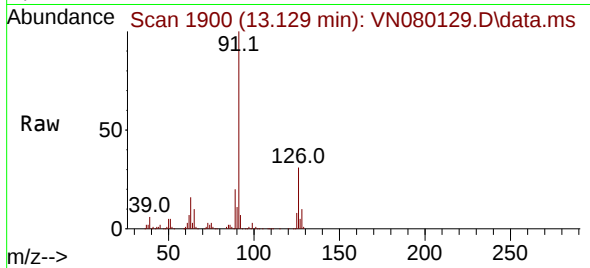
#79
2-Chlorotoluene
Concen: 99.325 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 100556
Ion Ratio Lower Upper
91 100
126 30.8 16.3 48.8

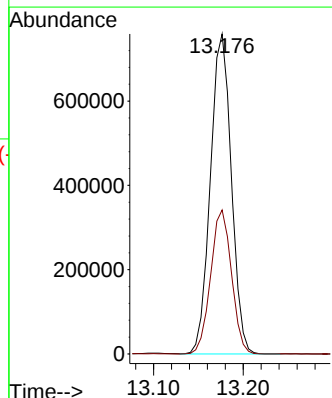
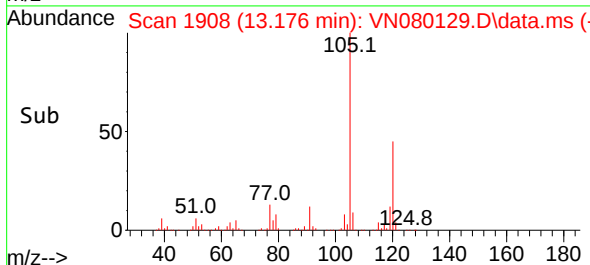
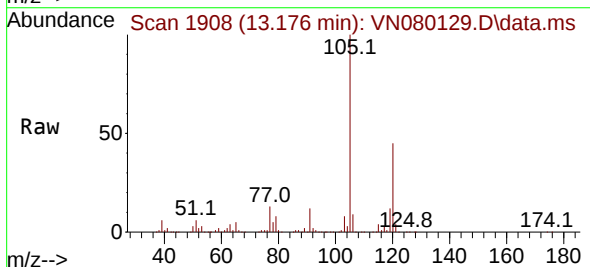
Manual Integrations
APPROVED

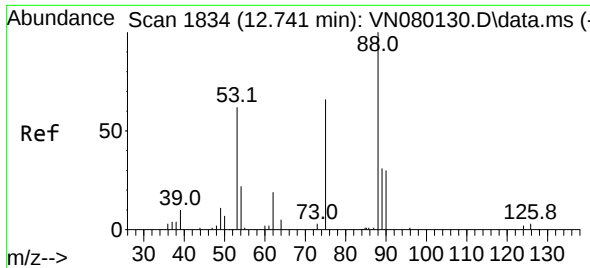
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 101.311 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

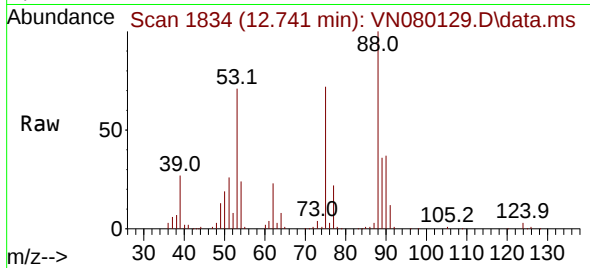
Tgt Ion:105 Resp: 1229332
Ion Ratio Lower Upper
105 100
120 44.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 98.891 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

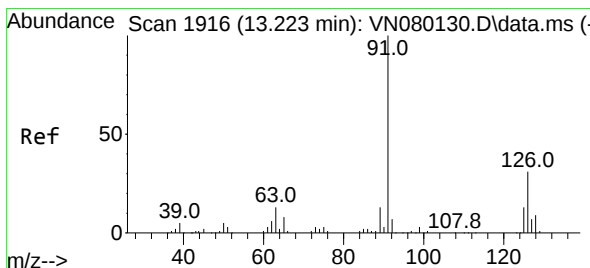
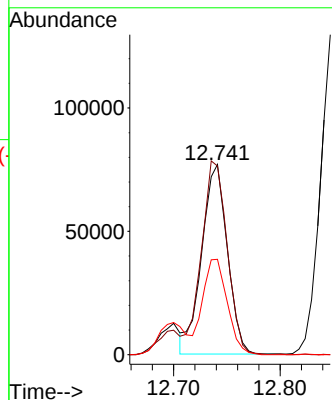
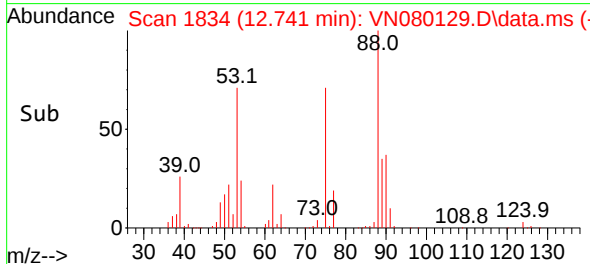
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



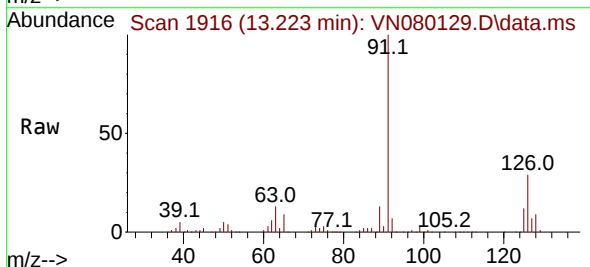
Tgt Ion: 75 Resp: 128648
Ion Ratio Lower Upper
75 100
53 103.8 67.4 101.2
89 47.7 38.8 58.2

Manual Integrations
APPROVED

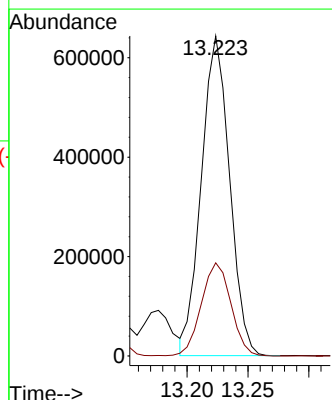
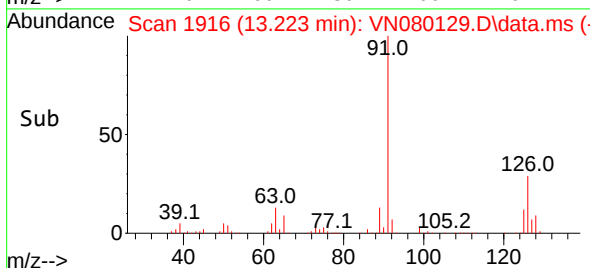
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

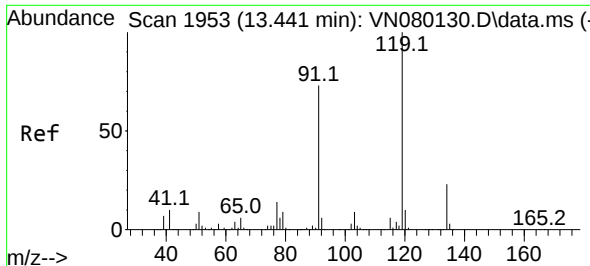


#82
4-Chlorotoluene
Concen: 100.193 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34



Tgt Ion: 91 Resp: 1039150
Ion Ratio Lower Upper
91 100
126 30.6 16.7 50.0





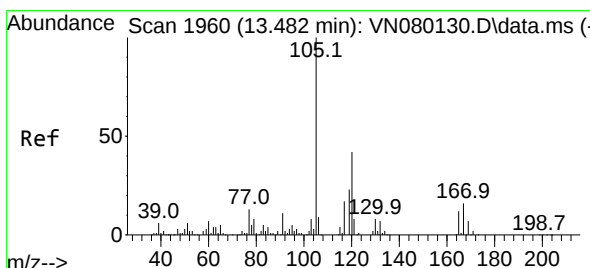
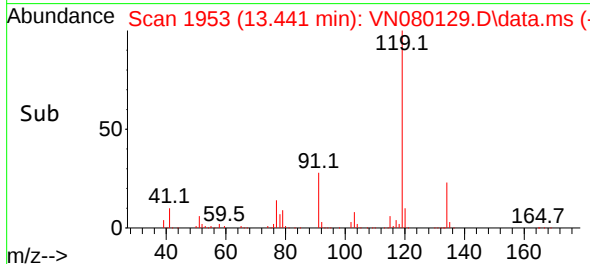
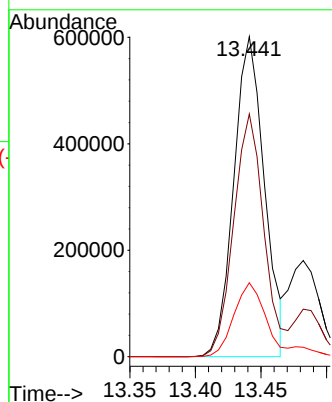
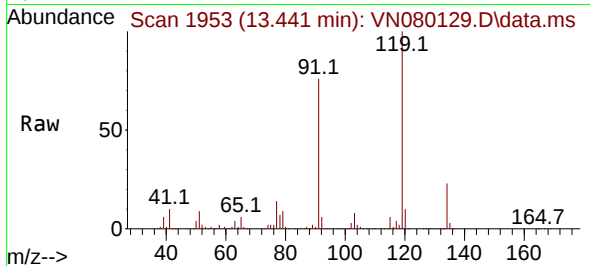
#83
tert-Butylbenzene
Concen: 100.574 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 978668
Ion Ratio Lower Upper
119 100
91 75.5 33.9 101.7
134 23.7 13.2 39.6

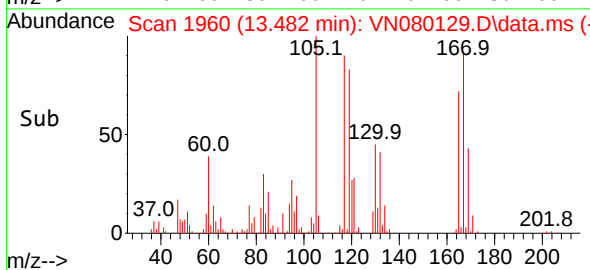
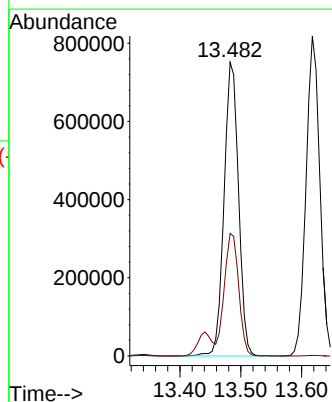
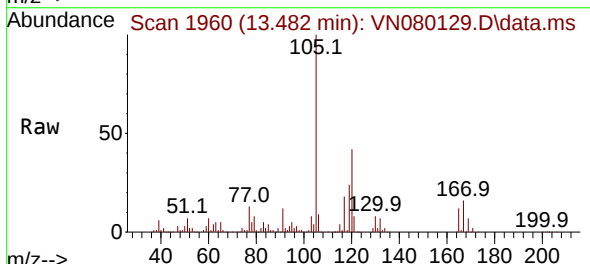
Manual Integrations
APPROVED

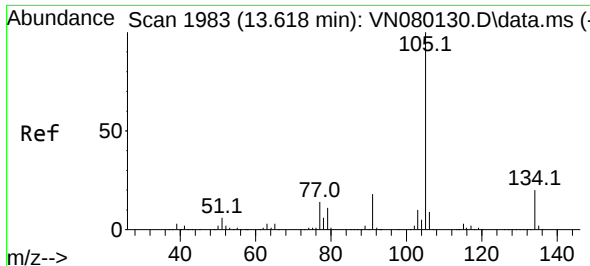
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 103.795 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

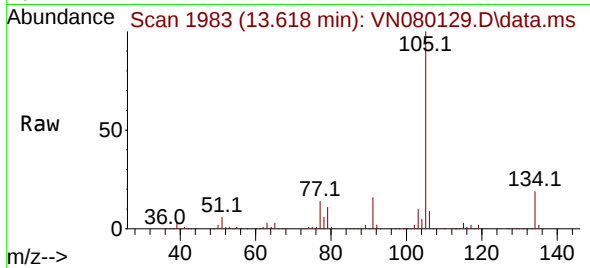
Tgt Ion:105 Resp: 1240169
Ion Ratio Lower Upper
105 100
120 41.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 104.054 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080129.D
 Acq: 16 Nov 2023 11:34

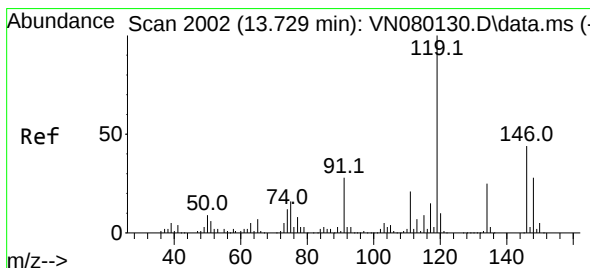
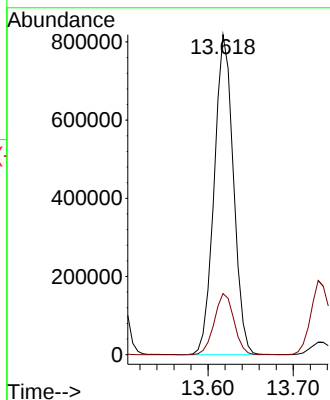
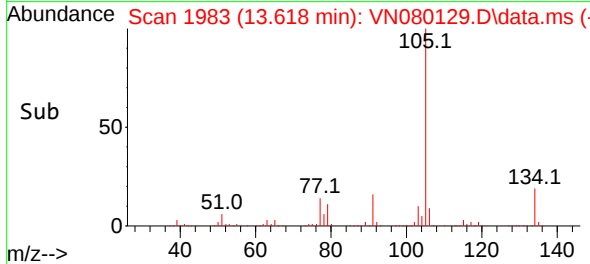
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



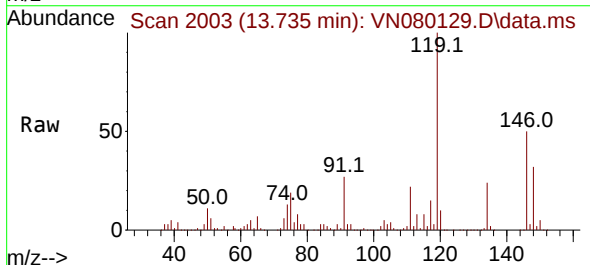
Tgt Ion:105 Resp: 128087
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
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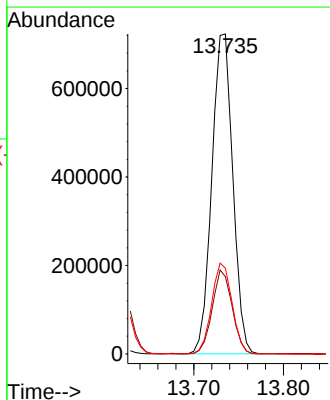
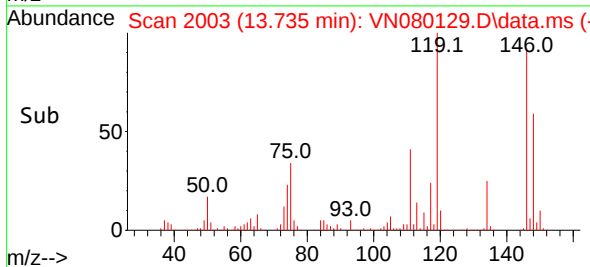
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023

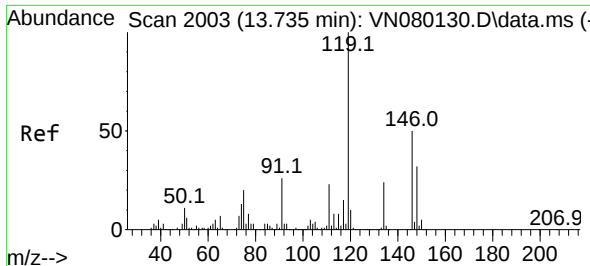


#86
 p-Isopropyltoluene
 Concen: 106.639 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080129.D
 Acq: 16 Nov 2023 11:34



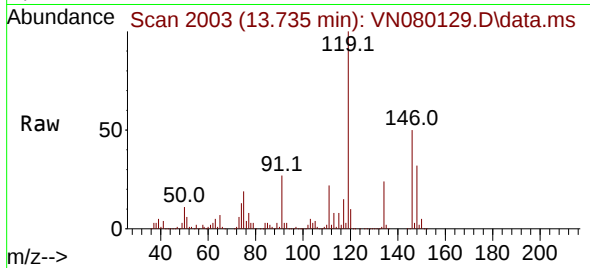
Tgt Ion:119 Resp: 1172636
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 27.6 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 94.334 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN080129.D
 Acq: 16 Nov 2023 11:34

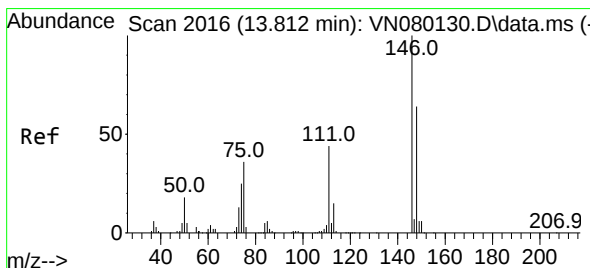
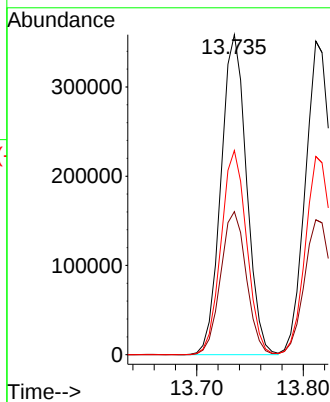
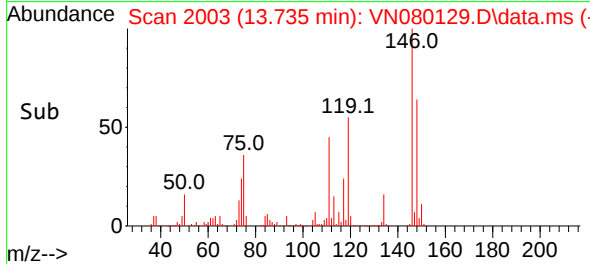
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



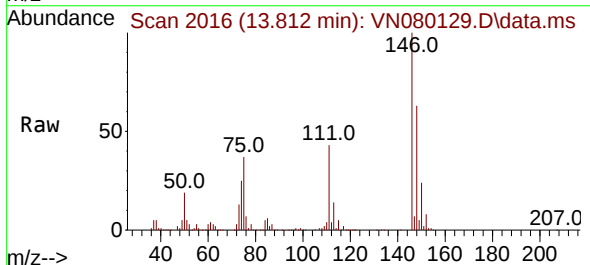
Tgt Ion:146 Resp: 59731
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.1 66.3
 148 63.9 32.0 96.0

Manual Integrations
 APPROVED

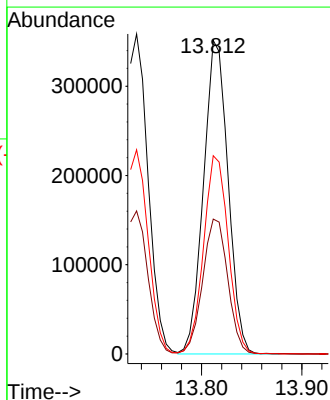
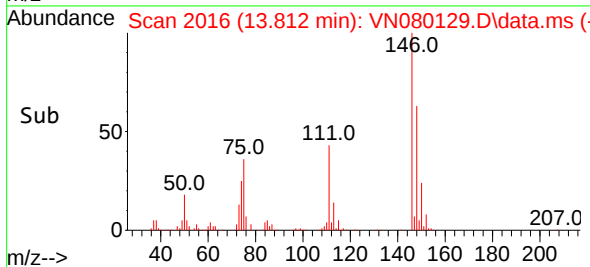
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023

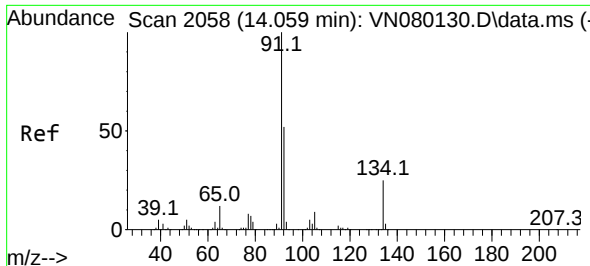


#88
 1,4-Dichlorobenzene
 Concen: 94.103 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080129.D
 Acq: 16 Nov 2023 11:34



Tgt Ion:146 Resp: 598796
 Ion Ratio Lower Upper
 146 100
 111 44.3 20.6 61.8
 148 63.5 31.6 94.8





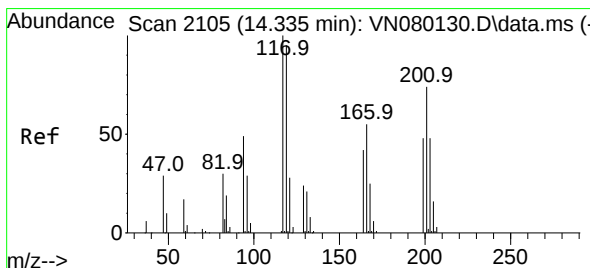
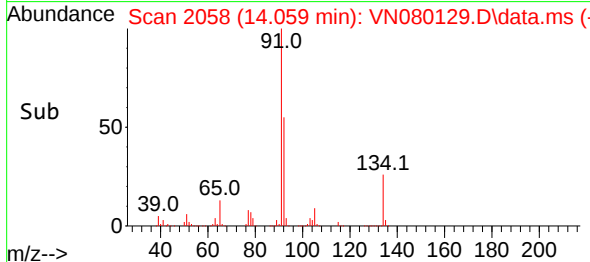
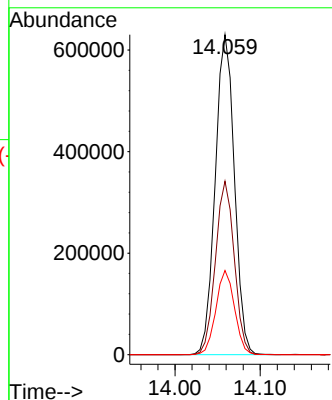
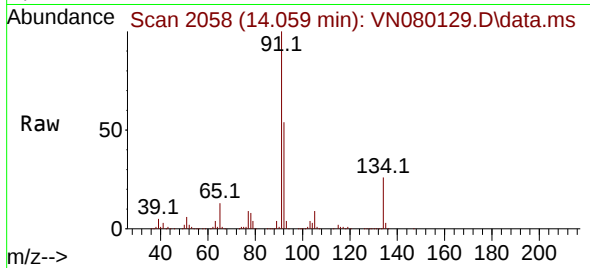
#89
n-Butylbenzene
Concen: 107.141 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 986110
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.0
134 25.5 12.6 37.6

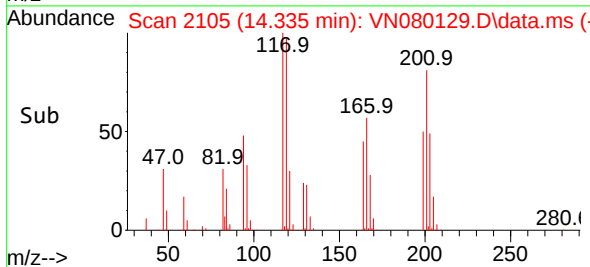
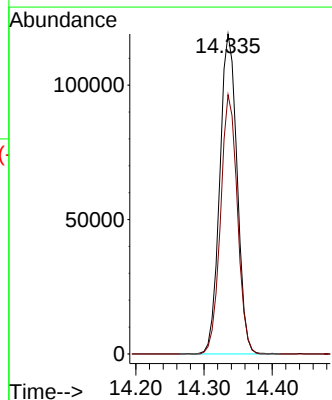
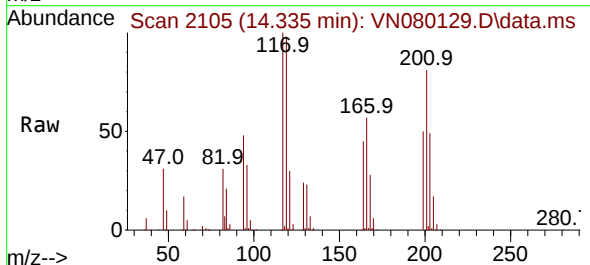
Manual Integrations
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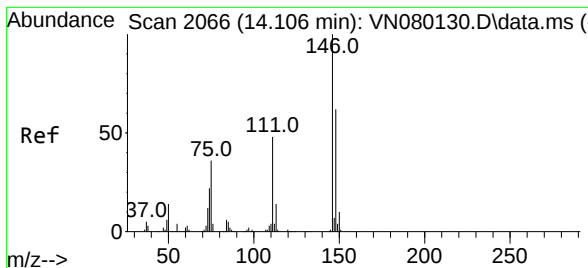
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#90
Hexachloroethane
Concen: 98.145 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion:117 Resp: 210399
Ion Ratio Lower Upper
117 100
201 78.6 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 92.772 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 562120

Ion Ratio Lower Upper

146 100

111 46.6 22.0 66.0

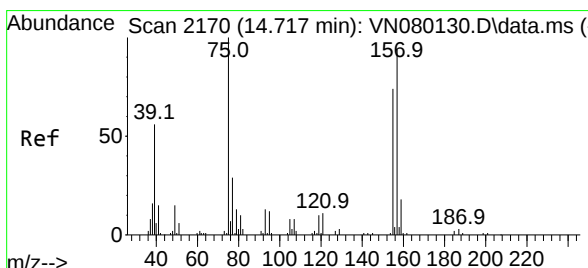
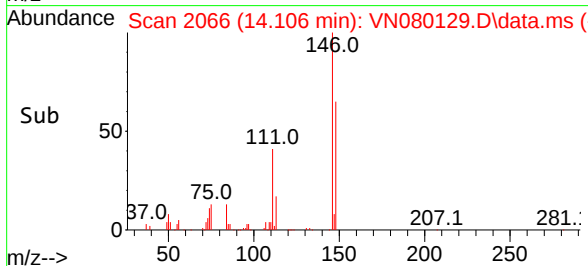
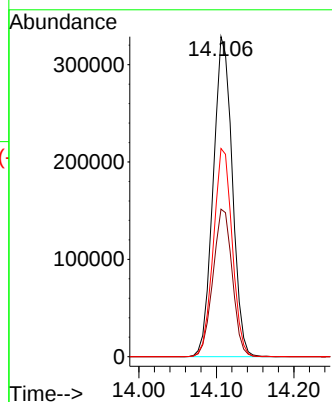
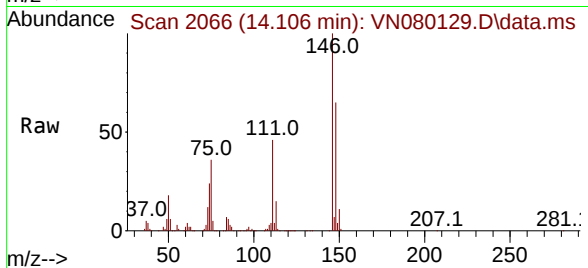
148 64.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 90.276 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

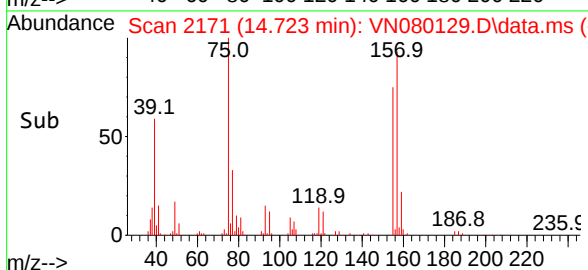
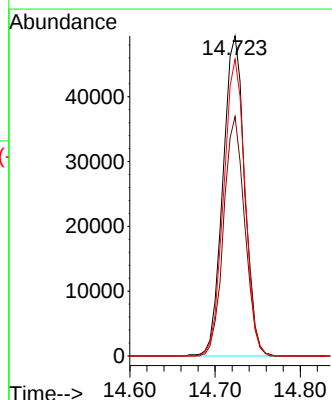
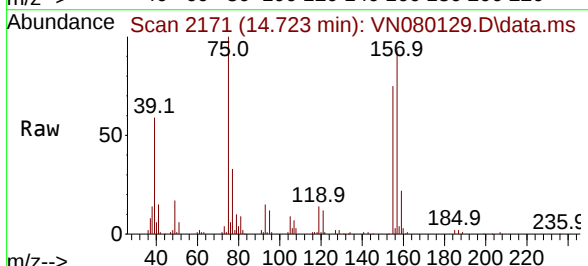
Tgt Ion: 75 Resp: 87483

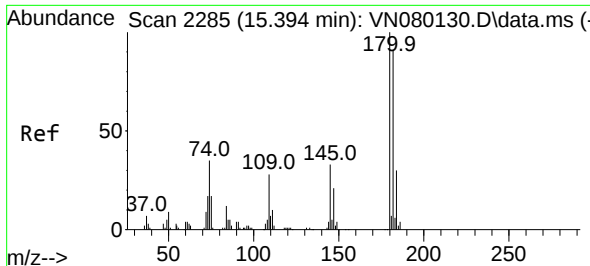
Ion Ratio Lower Upper

75 100

155 72.8 39.1 117.2

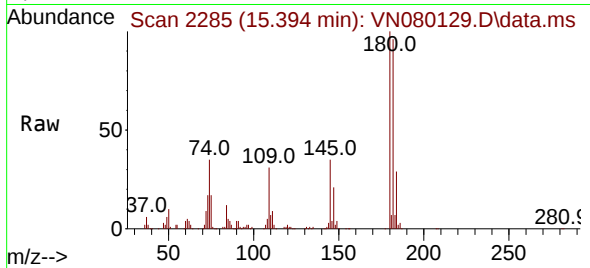
157 91.4 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 95.701 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

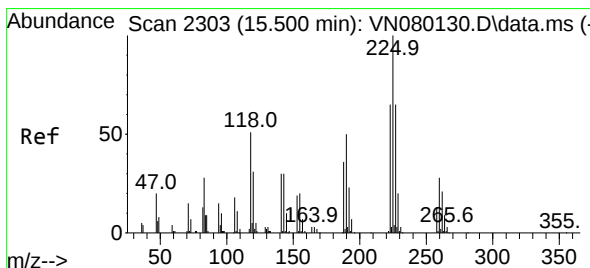
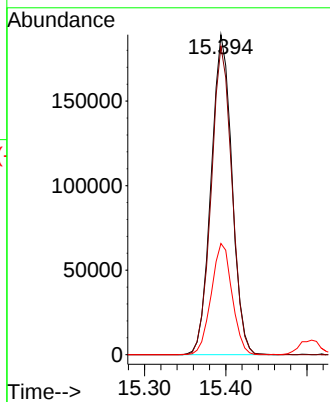
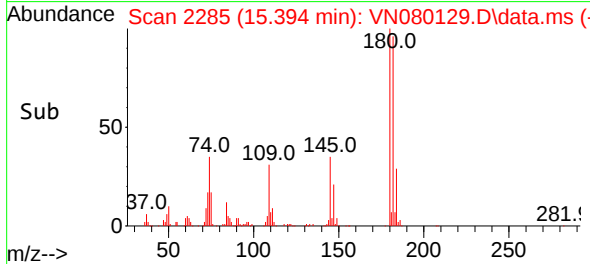
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:180 Resp: 337259
Ion Ratio Lower Upper
180 100
182 96.0 46.1 138.2
145 34.8 16.6 49.8

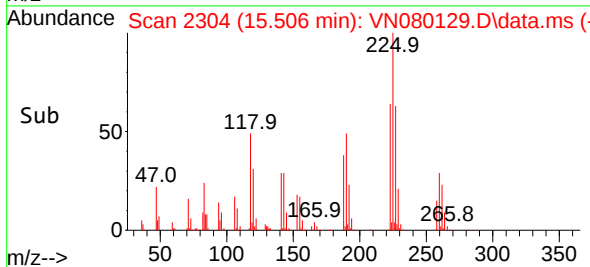
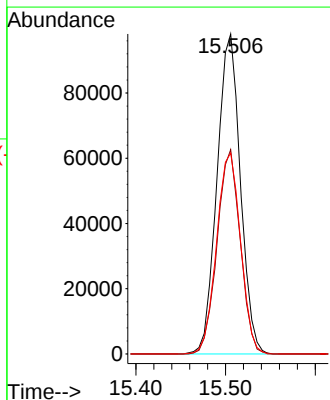
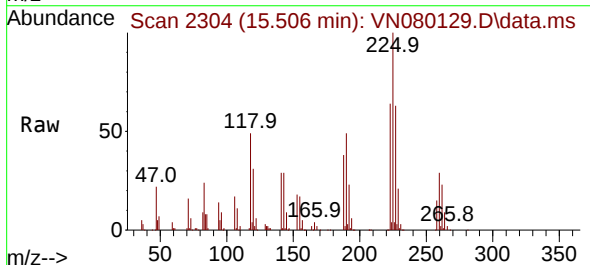
Manual Integrations
APPROVED

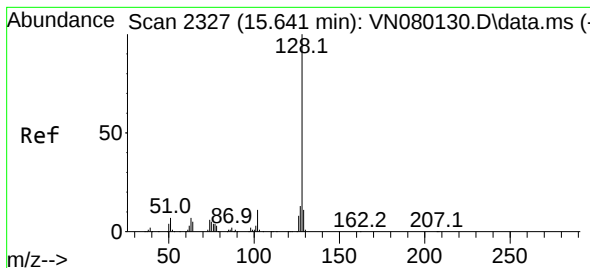
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#94
Hexachlorobutadiene
Concen: 87.342 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080129.D
Acq: 16 Nov 2023 11:34

Tgt Ion:225 Resp: 177131
Ion Ratio Lower Upper
225 100
223 63.0 31.3 93.8
227 64.6 31.9 95.9





#95

Naphthalene

Concen: 93.609 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 95660

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

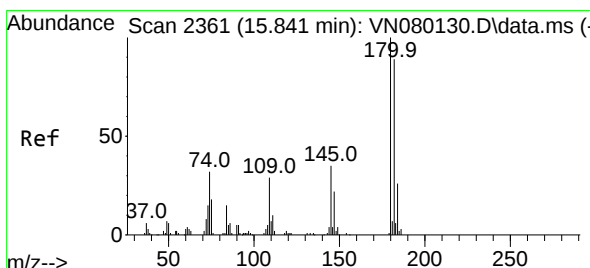
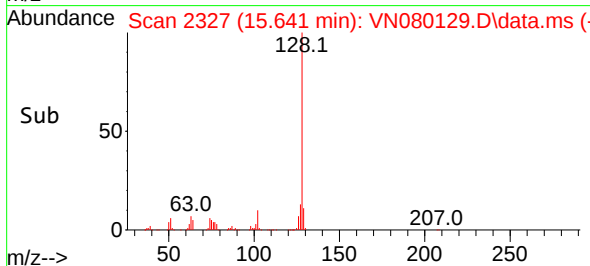
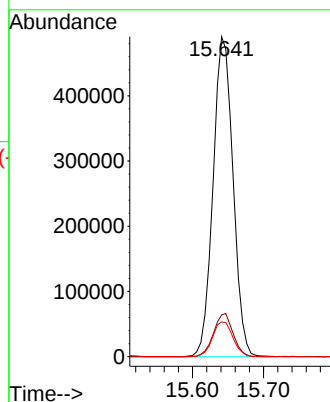
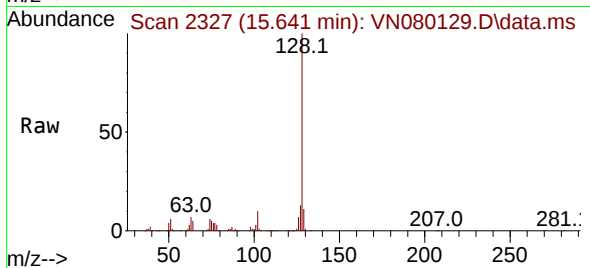
129 11.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 94.211 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080129.D

Acq: 16 Nov 2023 11:34

Tgt Ion:180 Resp: 311196

Ion Ratio Lower Upper

180 100

182 96.1 46.2 138.6

145 36.0 17.5 52.6

