

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079716.D
 Acq On : 30 Oct 2023 10:10
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Quant Time: Oct 31 07:08:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:05:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	302577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	524547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	483185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	492959	101.452	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 202.900%#			
35) Dibromofluoromethane	8.171	113	385044	102.729	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 205.460%#			
50) Toluene-d8	10.571	98	1488814	106.553	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 213.100%#			
62) 4-Bromofluorobenzene	12.853	95	518183	117.766	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 235.540%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	367644	92.042	ug/l	99
3) Chloromethane	2.365	50	424915	87.814	ug/l	98
4) Vinyl Chloride	2.518	62	479013	91.919	ug/l	97
5) Bromomethane	2.930	94	289400	84.601	ug/l	99
6) Chloroethane	3.106	64	341113	89.354	ug/l	98
7) Trichlorofluoromethane	3.495	101	570110	93.033	ug/l	99
8) Diethyl Ether	3.959	74	210182	94.777	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	322924	90.983	ug/l	100
10) Methyl Iodide	4.589	142	392556	109.893	ug/l	99
11) Tert butyl alcohol	5.524	59	272389	422.645	ug/l	100
12) 1,1-Dichloroethene	4.342	96	313512	94.306	ug/l	85
13) Acrolein	4.183	56	317797	490.190	ug/l	97
14) Allyl chloride	5.024	41	506896	90.921	ug/l #	90
15) Acrylonitrile	5.718	53	935342	471.638	ug/l	98
16) Acetone	4.424	43	1023507	492.341	ug/l	92
17) Carbon Disulfide	4.712	76	935261	92.127	ug/l	99
18) Methyl Acetate	5.024	43	759360	90.539	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	1077598	95.802	ug/l	93
20) Methylene Chloride	5.277	84	371846	90.328	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	358516	95.010	ug/l #	78
22) Diisopropyl ether	6.671	45	1206414	96.253	ug/l #	90
23) Vinyl Acetate	6.606	43	3468031	502.568	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	693827	92.380	ug/l	97
25) 2-Butanone	7.483	43	1391368	487.250	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	576361	94.837	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	420406	96.764	ug/l	86
28) Bromochloromethane	7.818	49	370363	100.817	ug/l #	74
29) Tetrahydrofuran	7.841	42	843821	483.697	ug/l #	75
30) Chloroform	7.965	83	706055	93.358	ug/l	96
31) Cyclohexane	8.259	56	596174	89.933	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	613525	93.581	ug/l	93
36) 1,1-Dichloropropene	8.371	75	543504	97.744	ug/l	95
37) Ethyl Acetate	7.565	43	520329	94.409	ug/l #	91
38) Carbon Tetrachloride	8.365	117	528866	95.377	ug/l	99
39) Methylcyclohexane	9.606	83	571200	103.274	ug/l #	89
40) Benzene	8.612	78	1585006	96.581	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	276529	96.198	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	554052	92.954	ug/l	98
43) Isopropyl Acetate	8.694	43	856481	97.204	ug/l #	90
44) Trichloroethene	9.353	130	375238	94.390	ug/l	98
45) 1,2-Dichloropropane	9.624	63	415094	95.232	ug/l	98
46) Dibromomethane	9.712	93	272748	92.779	ug/l	96
47) Bromodichloromethane	9.888	83	567829	96.285	ug/l	98
48) Methyl methacrylate	9.682	41	408515	100.004	ug/l #	82
49) 1,4-Dioxane	9.700	88	137705	1915.636	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	2695951	491.744	ug/l	90
52) Toluene	10.635	92	985533	98.368	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	620826	104.249	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	662504	101.682	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	375319	94.724	ug/l	94
56) Ethyl methacrylate	10.877	69	595408	106.404	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	676363	97.542	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	1324288	642.365	ug/l	89
59) 2-Hexanone	11.200	43	2040251	506.121	ug/l	88
60) Dibromochloromethane	11.365	129	403929	98.518	ug/l	98
61) 1,2-Dibromoethane	11.471	107	381175	96.559	ug/l	98
64) Tetrachloroethene	11.106	164	309714	90.356	ug/l	96
65) Chlorobenzene	11.894	112	1010806	94.515	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	379917	95.605	ug/l	97
67) Ethyl Benzene	11.965	91	1907168	101.224	ug/l	95
68) m/p-Xylenes	12.076	106	1435360	205.975	ug/l	94
69) o-Xylene	12.400	106	695772	103.833	ug/l	92
70) Styrene	12.412	104	1174053	109.377	ug/l	97
71) Bromoform	12.582	173	283151	99.481	ug/l #	99
73) Isopropylbenzene	12.700	105	1803138	88.320	ug/l	99
74) N-amyl acetate	12.494	43	738542	90.951	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	564945	78.163	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	511849m	86.417	ug/l	
77) Bromobenzene	12.982	156	411448	85.698	ug/l	94
78) n-propylbenzene	13.041	91	2163233	91.983	ug/l	97
79) 2-Chlorotoluene	13.129	91	1270623	86.674	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1487421	89.379	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	183507	90.443	ug/l	86
82) 4-Chlorotoluene	13.223	91	1267199	89.993	ug/l	99
83) tert-Butylbenzene	13.441	119	1218604	89.348	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1486233	92.572	ug/l	100
85) sec-Butylbenzene	13.618	105	1751417	92.063	ug/l	100
86) p-Isopropyltoluene	13.735	119	1443921	95.295	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	740556	91.175	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	722116	89.244	ug/l	99
89) n-Butylbenzene	14.059	91	1225397	101.791	ug/l	98
90) Hexachloroethane	14.335	117	277591	86.706	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	702121	88.876	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	96667	86.722	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	269376	114.396	ug/l	98
94) Hexachlorobutadiene	15.506	225	166928	79.895	ug/l	98
95) Naphthalene	15.647	128	762803	111.583	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	271602	103.290	ug/l	97

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ClientSampleId :
VSTDICC100

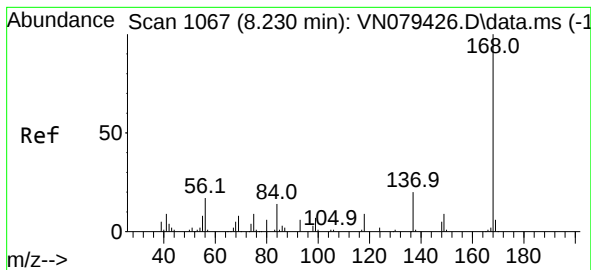
Manual Integrations
APPROVED

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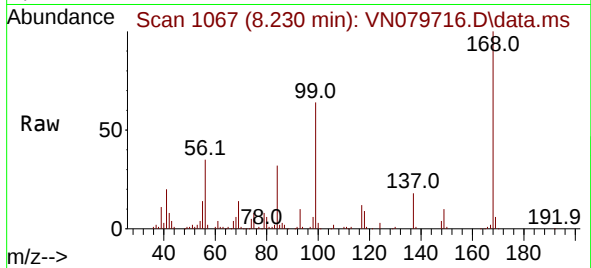
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079716.D
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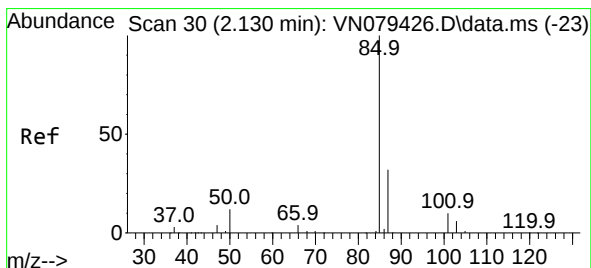
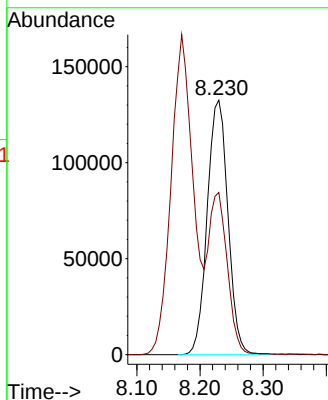
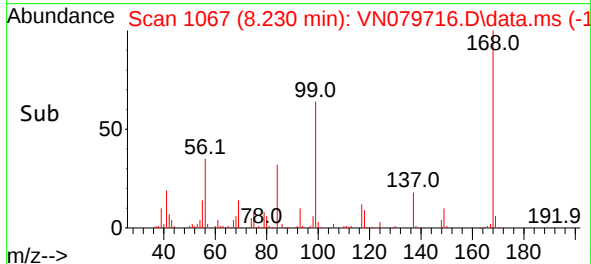
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



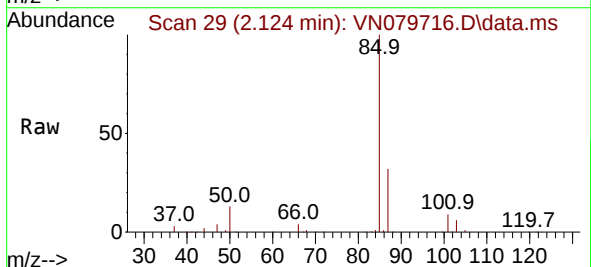
Tgt Ion:168 Resp: 30257
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6

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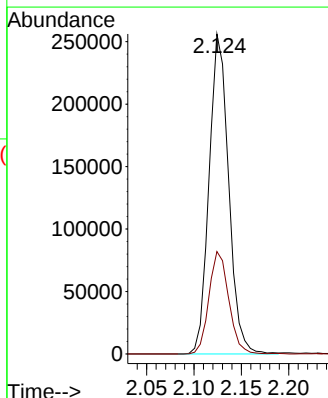
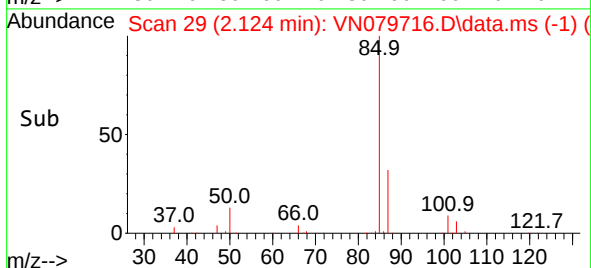
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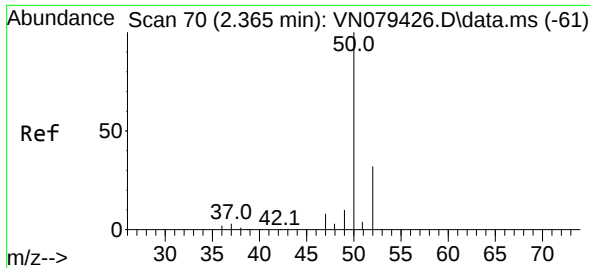


#2
Dichlorodifluoromethane
Concen: 92.042 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10



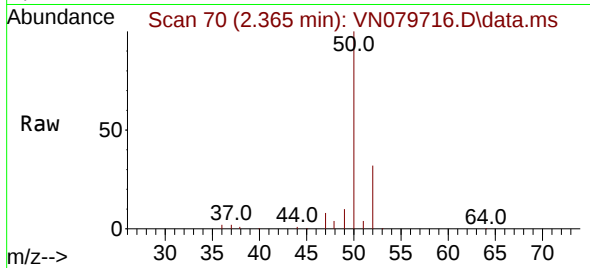
Tgt Ion: 85 Resp: 367644
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





#3
Chloromethane
Concen: 87.814 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

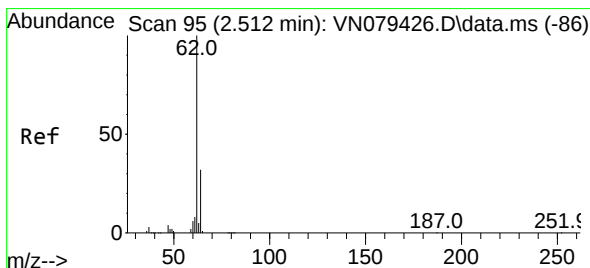
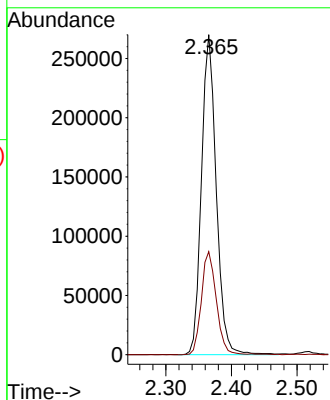
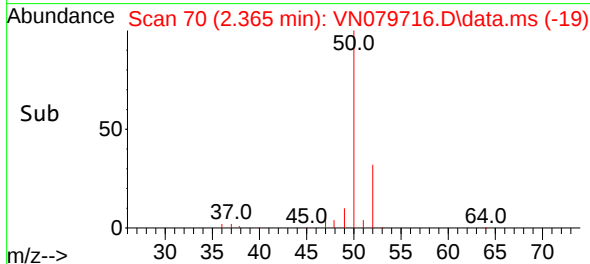
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



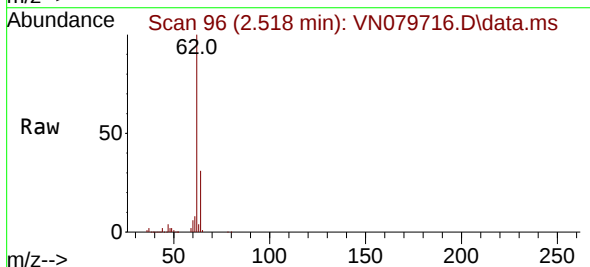
Tgt Ion: 50 Resp: 424915
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7

Manual Integrations
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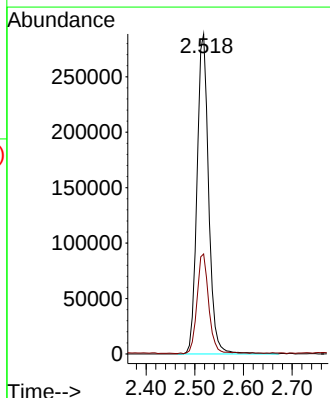
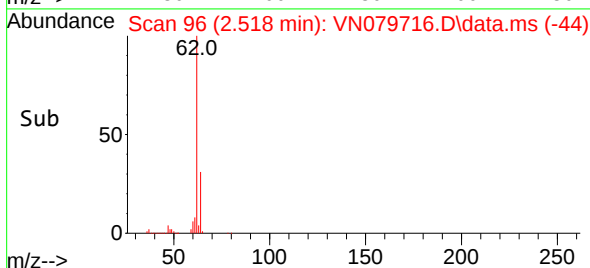
Reviewed By :John Carlone 10/31/2023
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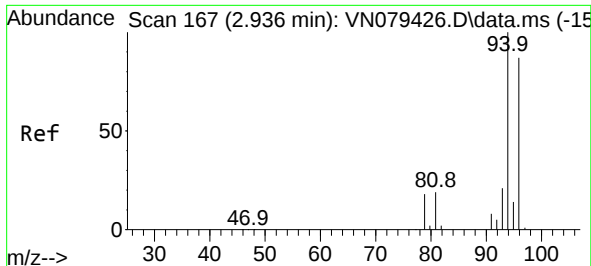


#4
Vinyl Chloride
Concen: 91.919 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10



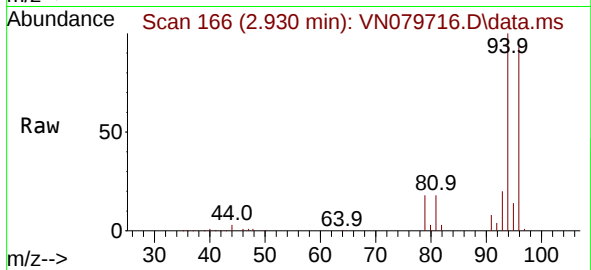
Tgt Ion: 62 Resp: 479013
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.2





#5
Bromomethane
Concen: 84.601 ug/l
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

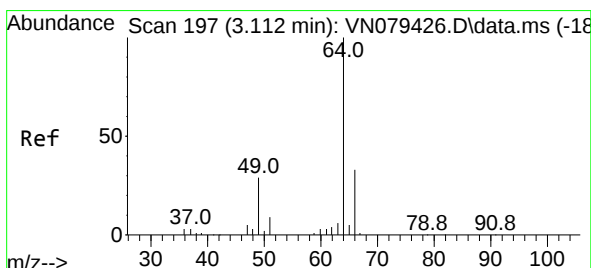
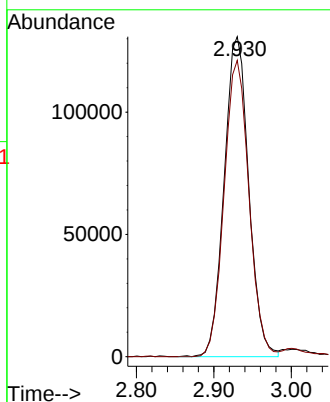
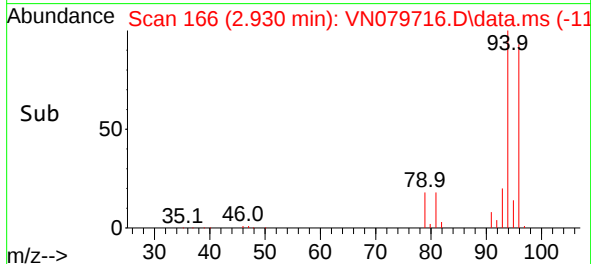
Instrument :
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Tgt Ion: 94 Resp: 289400
Ion Ratio Lower Upper
94 100
96 92.6 73.1 109.7

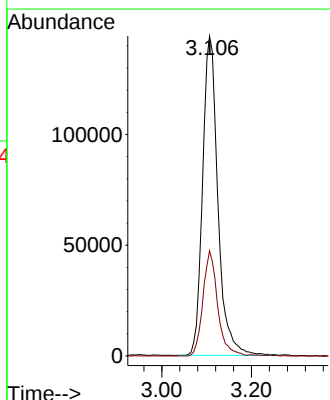
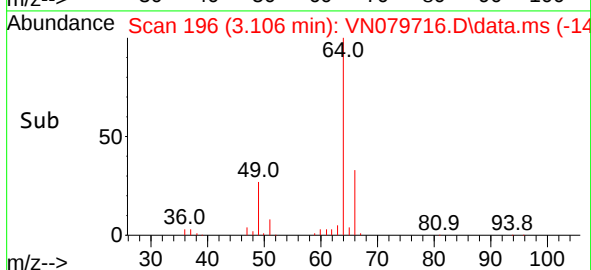
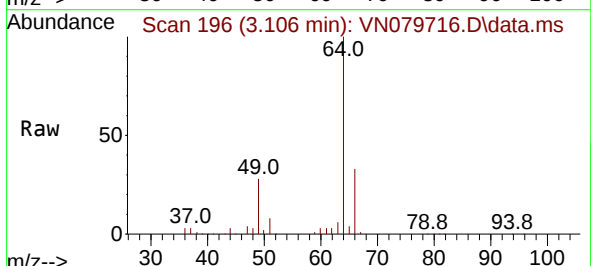
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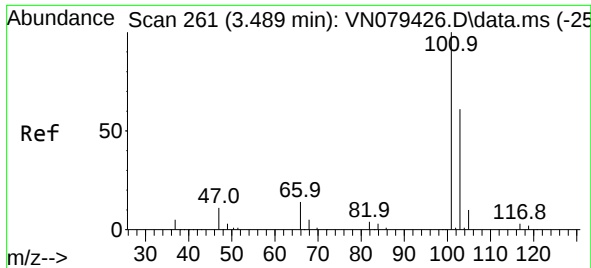
Reviewed By :John Carlone 10/31/2023
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#6
Chloroethane
Concen: 89.354 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
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Acq: 30 Oct 2023 10:10

Tgt Ion: 64 Resp: 341113
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.2





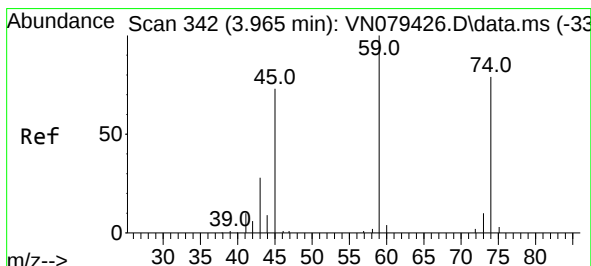
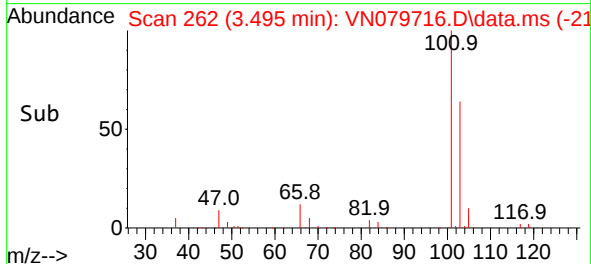
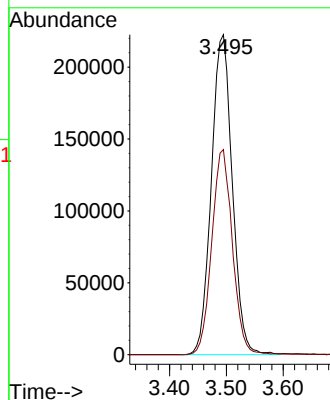
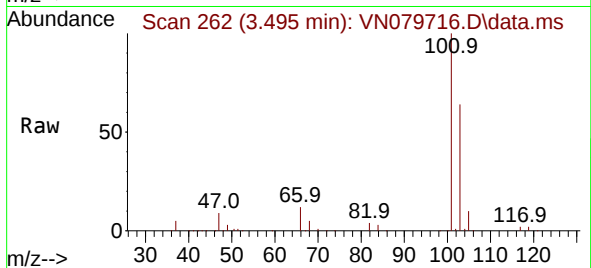
#7
 Trichlorofluoromethane
 Concen: 93.033 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN079716.D
 Acq: 30 Oct 2023 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:101 Resp: 570110
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.7 76.1

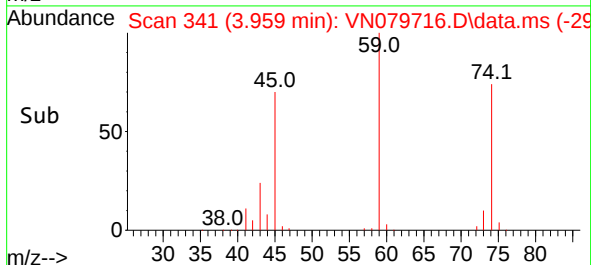
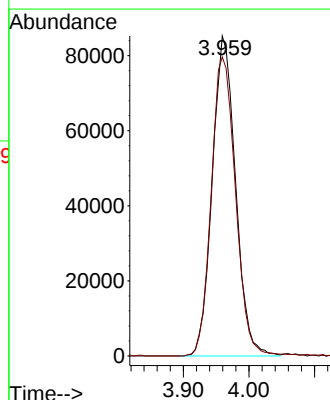
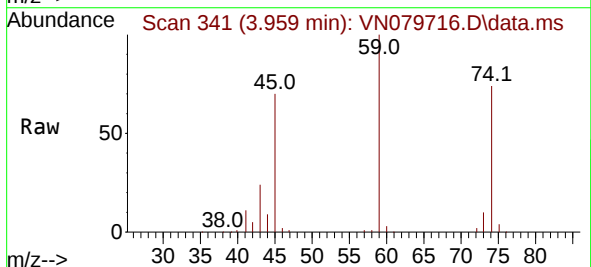
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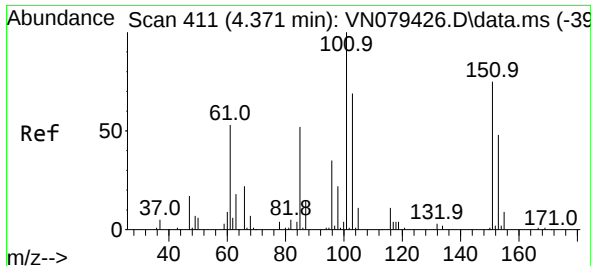
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#8
 Diethyl Ether
 Concen: 94.777 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079716.D
 Acq: 30 Oct 2023 10:10

Tgt Ion: 74 Resp: 210182
 Ion Ratio Lower Upper
 74 100
 45 97.5 34.4 103.3





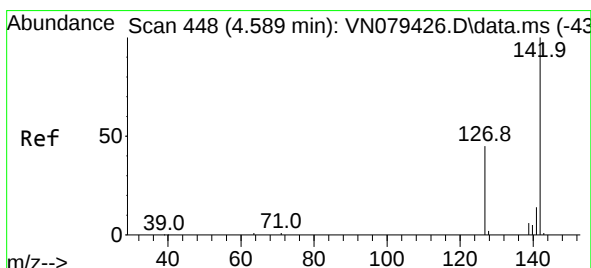
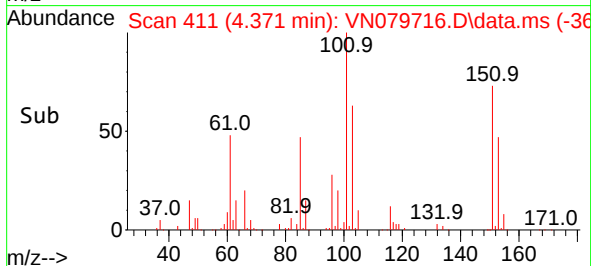
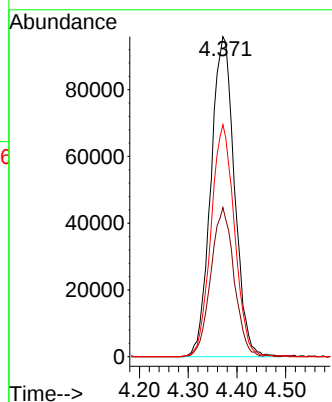
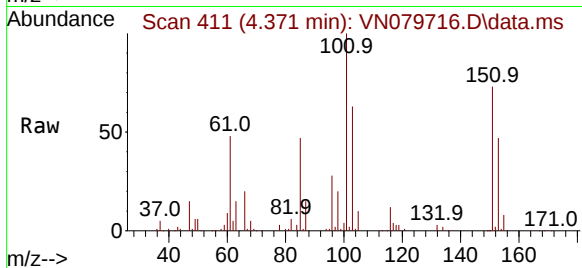
#9
1,1,2-Trichlorotrifluoroethane
Concen: 90.983 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 322924
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 72.1 57.6 86.4

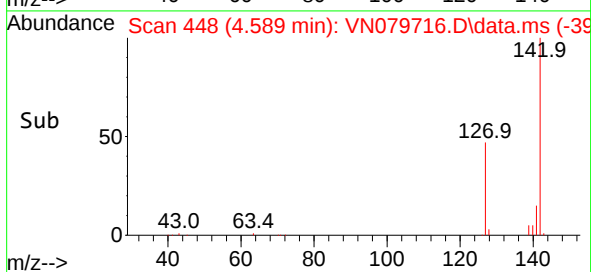
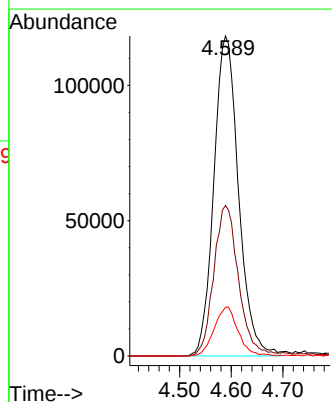
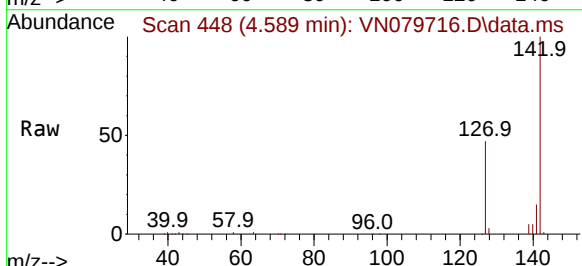
Manual Integrations
APPROVED

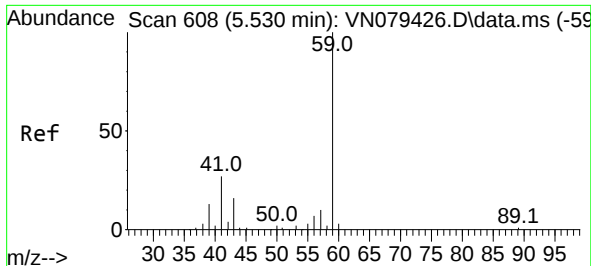
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 109.893 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

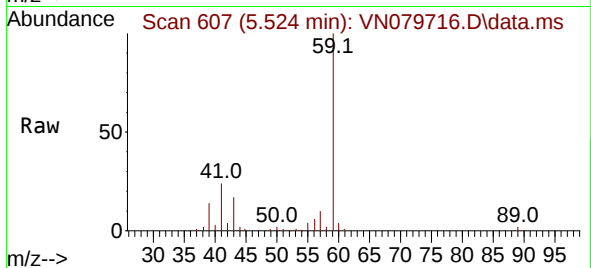
Tgt Ion:142 Resp: 392556
Ion Ratio Lower Upper
142 100
127 47.0 37.6 56.4
141 15.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 422.645 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

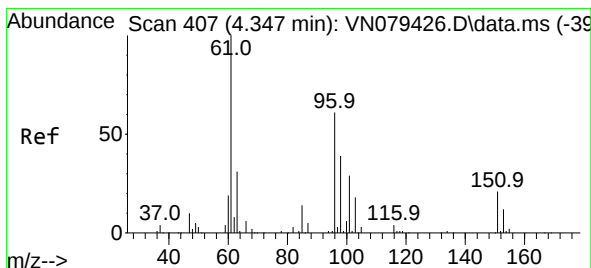
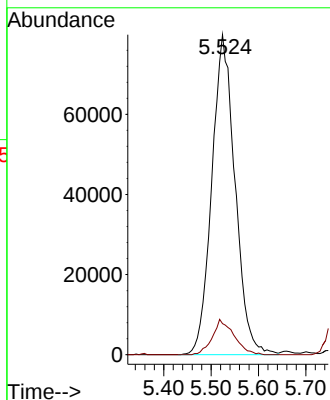
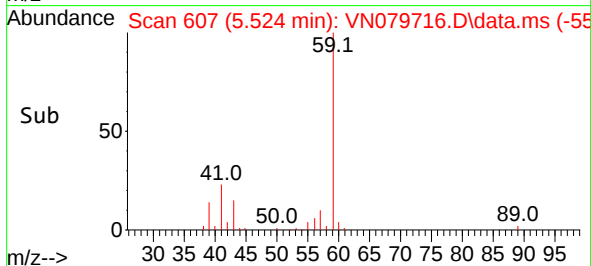
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



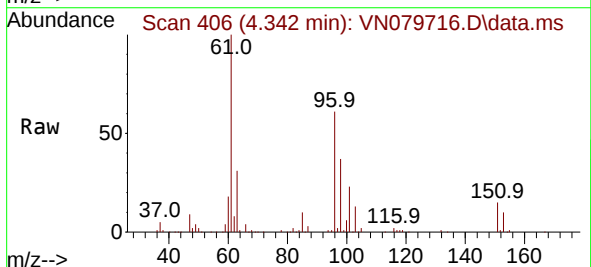
Tgt Ion: 59 Resp: 272389
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
APPROVED

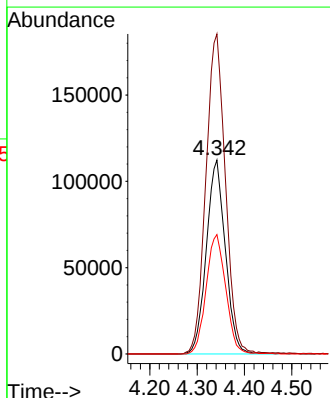
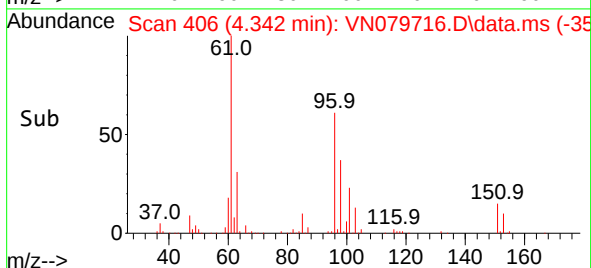
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

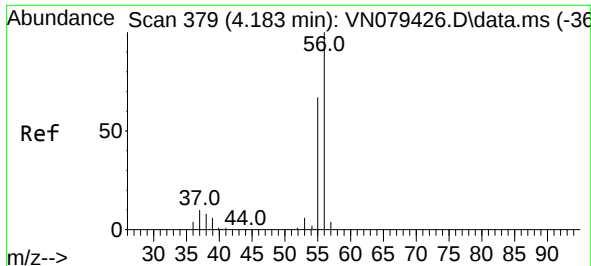


#12
1,1-Dichloroethene
Concen: 94.306 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.005 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10



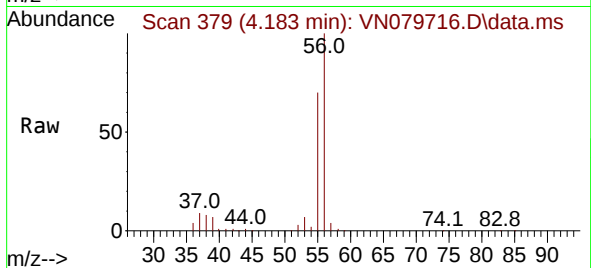
Tgt Ion: 96 Resp: 313512
Ion Ratio Lower Upper
96 100
61 165.0 112.7 169.1
98 61.5 51.2 76.8





#13
Acrolein
Concen: 490.190 ug/l
RT: 4.183 min Scan# 317
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

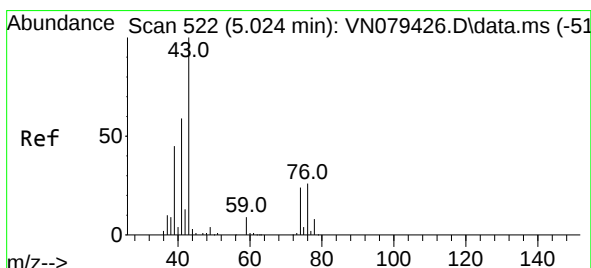
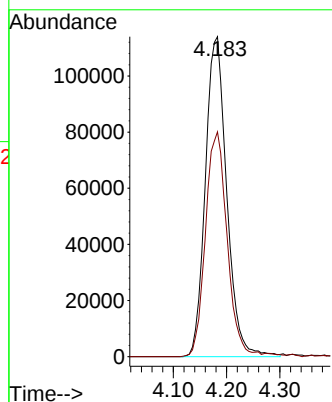
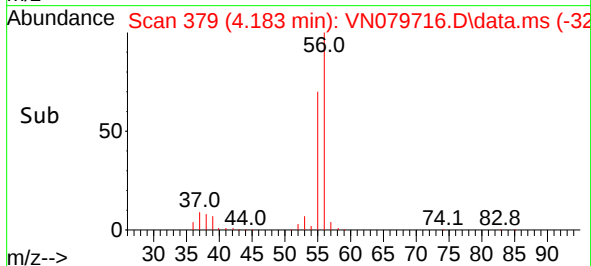
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 31779
Ion Ratio Lower Upper
56 100
55 70.9 54.5 81.7

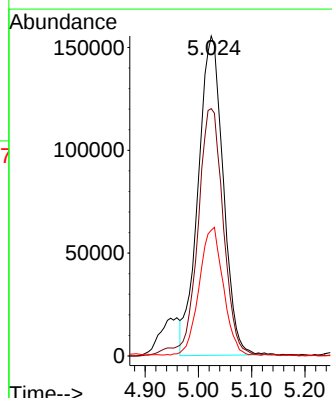
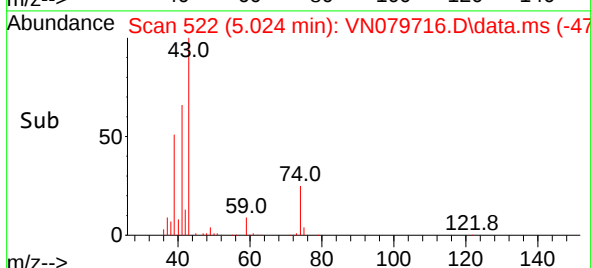
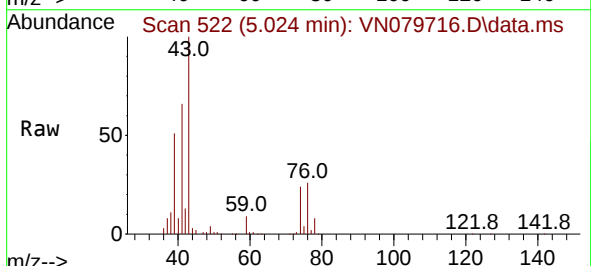
Manual Integrations
APPROVED

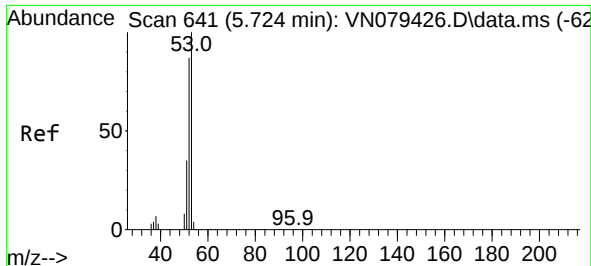
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#14
Allyl chloride
Concen: 90.921 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

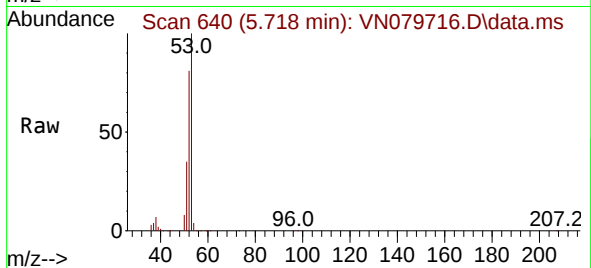
Tgt Ion: 41 Resp: 506896
Ion Ratio Lower Upper
41 100
39 79.1 58.8 88.2
76 38.6 39.1 58.7#





#15
Acrylonitrile
Concen: 471.638 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

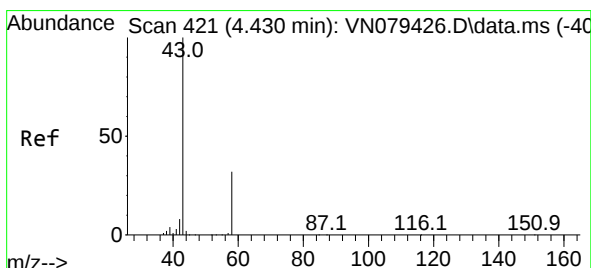
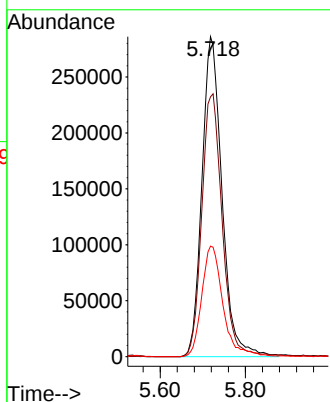
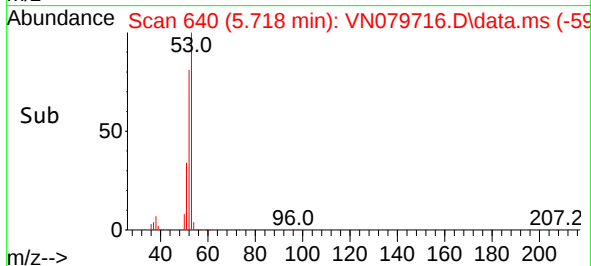
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 93534
Ion Ratio Lower Upper
53 100
52 83.6 65.3 97.9
51 36.4 28.9 43.3

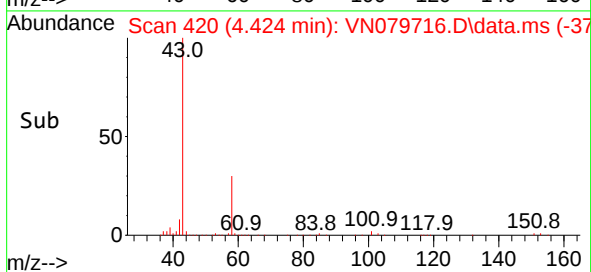
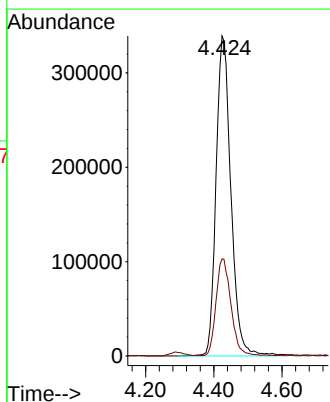
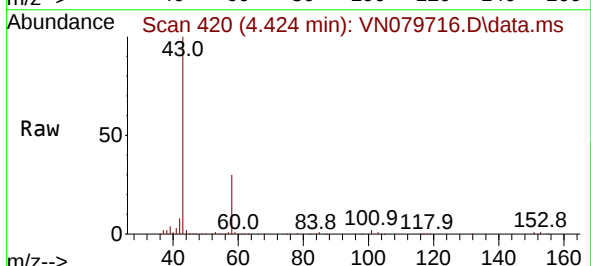
Manual Integrations
APPROVED

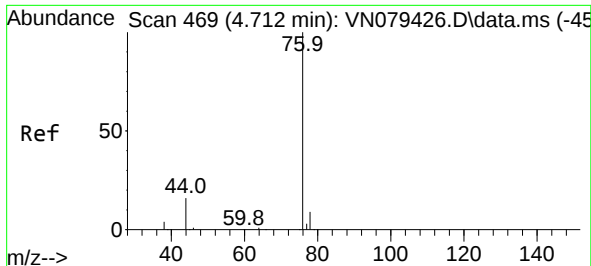
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#16
Acetone
Concen: 492.341 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

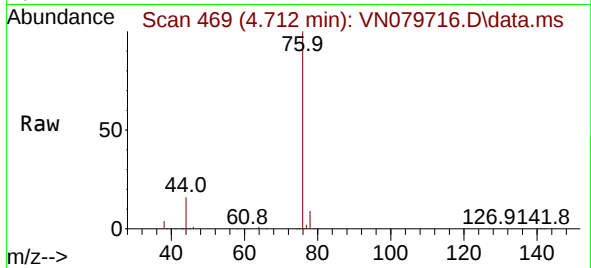
Tgt Ion: 43 Resp: 1023507
Ion Ratio Lower Upper
43 100
58 30.2 28.0 42.0





#17
Carbon Disulfide
Concen: 92.127 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

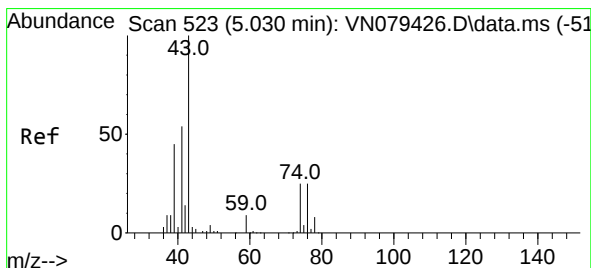
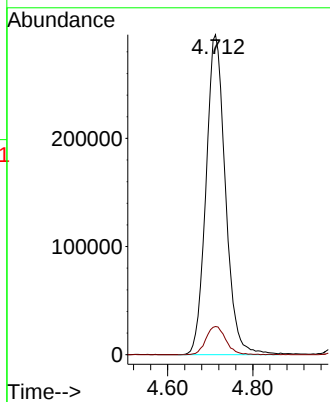
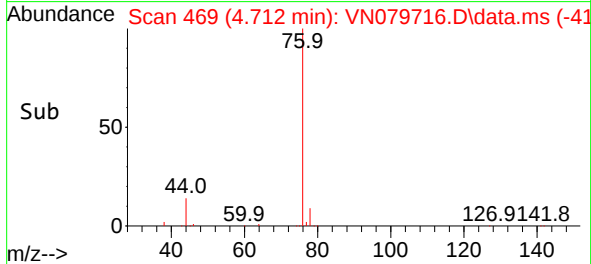
Instrument :
MSVOA_N
Client SampleId :
VSTDIC100



Tgt Ion: 76 Resp: 93526
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

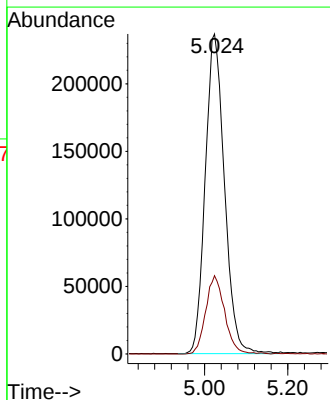
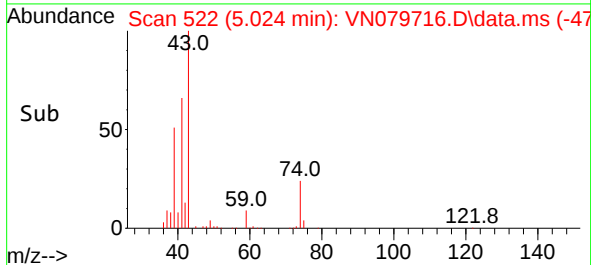
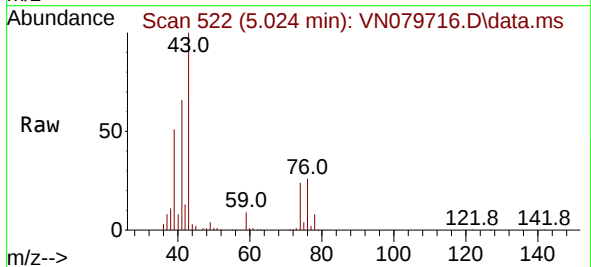
Manual Integrations
APPROVED

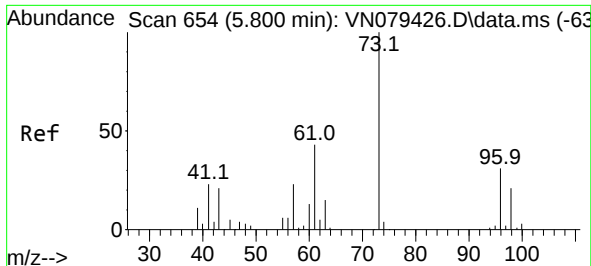
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 90.539 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

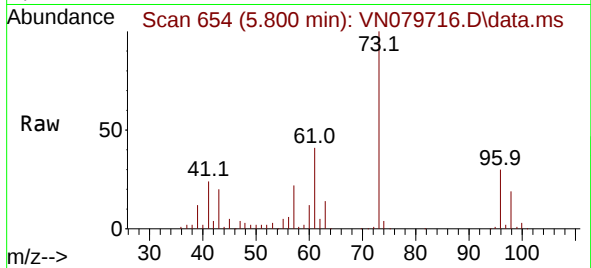
Tgt Ion: 43 Resp: 759360
Ion Ratio Lower Upper
43 100
74 24.1 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 95.802 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

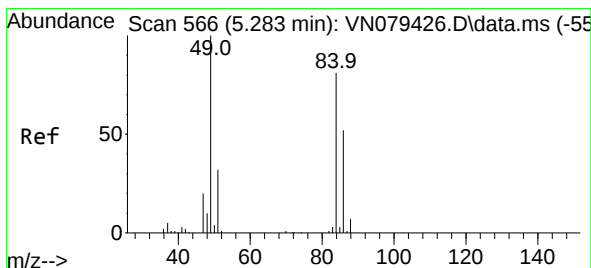
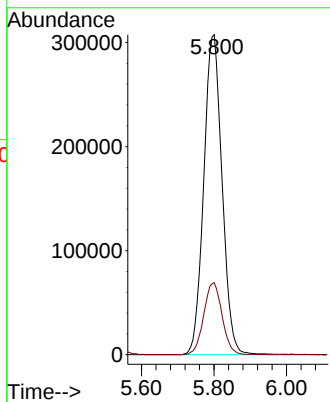
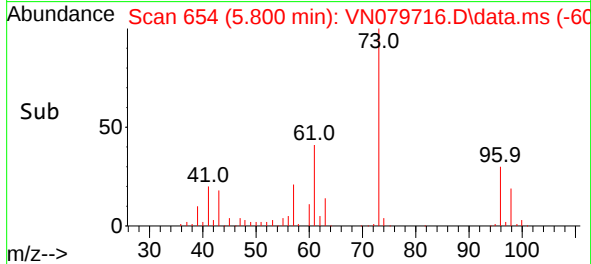
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 73 Resp: 1077598
Ion Ratio Lower Upper
73 100
57 22.5 15.6 23.4

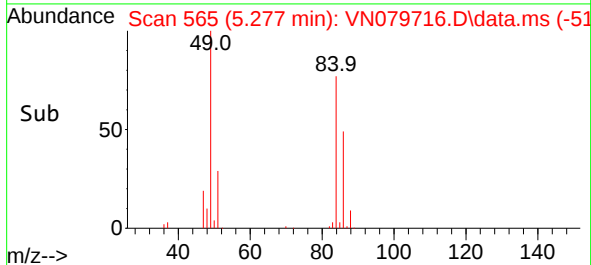
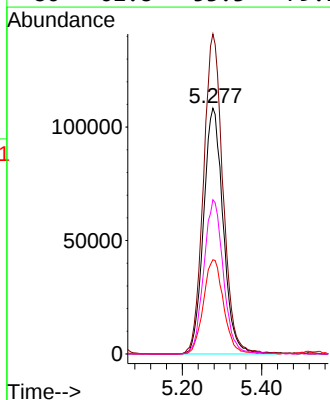
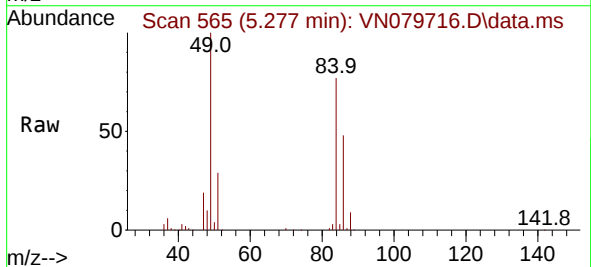
Manual Integrations
APPROVED

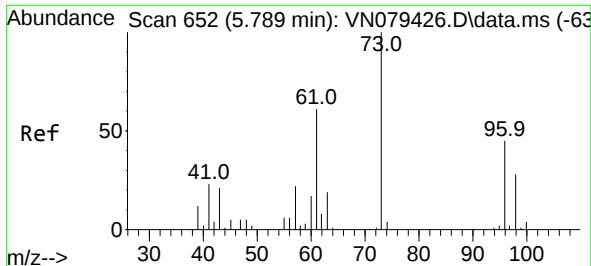
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#20
Methylene Chloride
Concen: 90.328 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Tgt Ion: 84 Resp: 371846
Ion Ratio Lower Upper
84 100
49 130.2 79.7 119.5#
51 38.3 25.2 37.8#
86 62.8 53.3 79.9





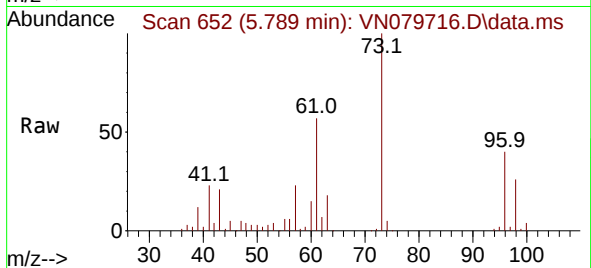
#21
trans-1,2-Dichloroethene
Concen: 95.010 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100



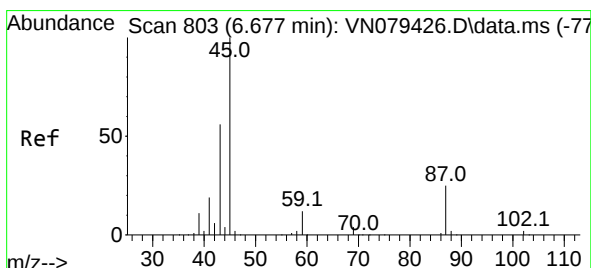
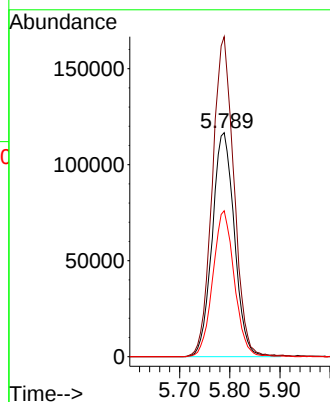
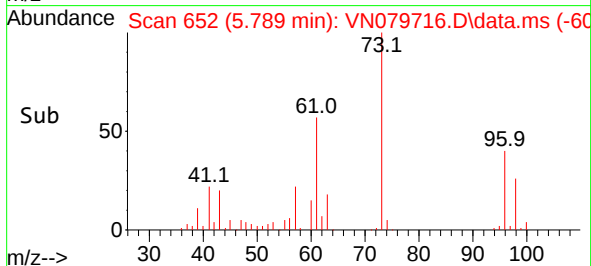
Tgt Ion: 96 Resp: 358510
Ion Ratio Lower Upper
96 100
61 142.9 90.1 135.1
98 65.2 46.4 69.6

Manual Integrations

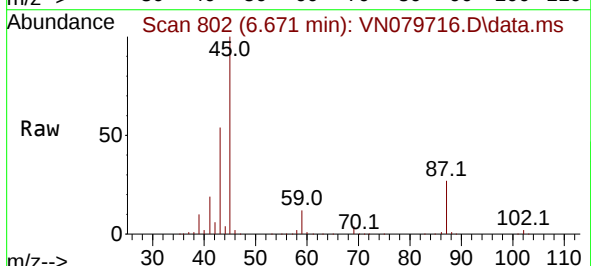
APPROVED

Reviewed By :John Carlone 10/31/2023

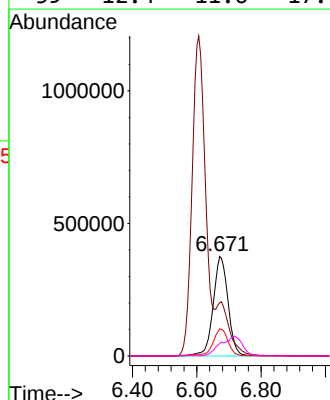
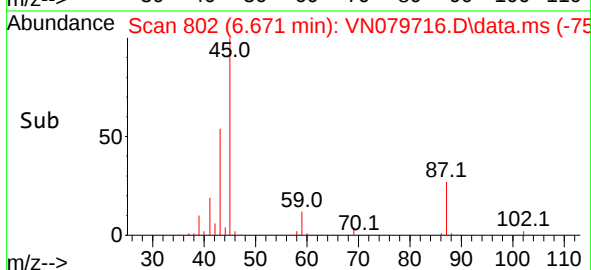
Supervised By :Mahesh Dadoda 10/31/2023

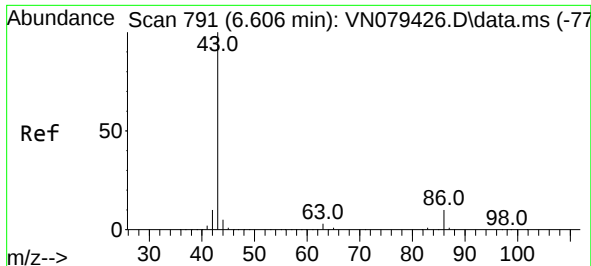


#22
Diisopropyl ether
Concen: 96.253 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10



Tgt Ion: 45 Resp: 1206414
Ion Ratio Lower Upper
45 100
43 53.3 45.5 68.3
87 27.2 31.8 47.8
59 12.4 11.6 17.4





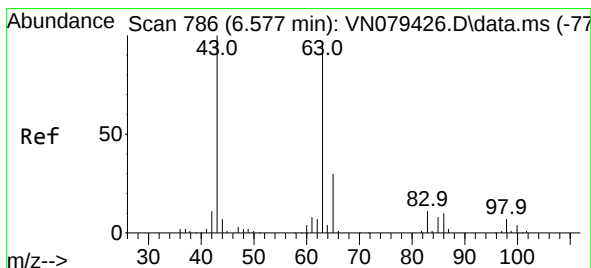
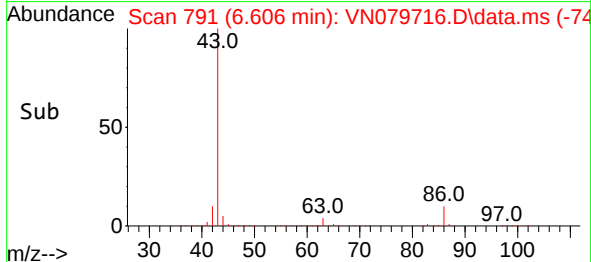
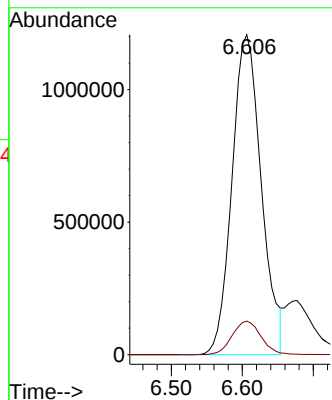
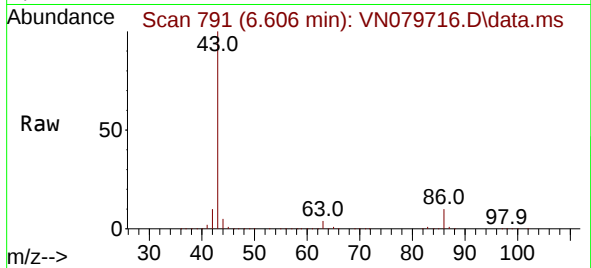
#23
 Vinyl Acetate
 Concen: 502.568 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079716.D
 Acq: 30 Oct 2023 10:10

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC100

Tgt Ion: 43 Resp: 346803
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6

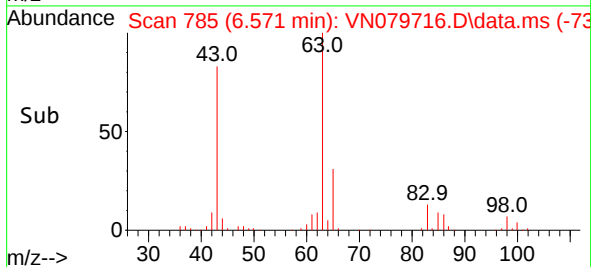
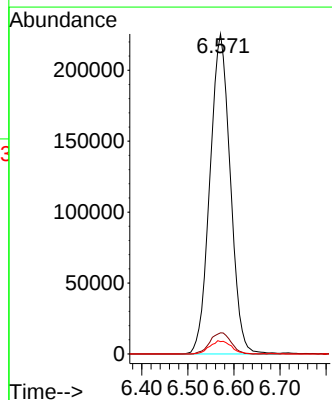
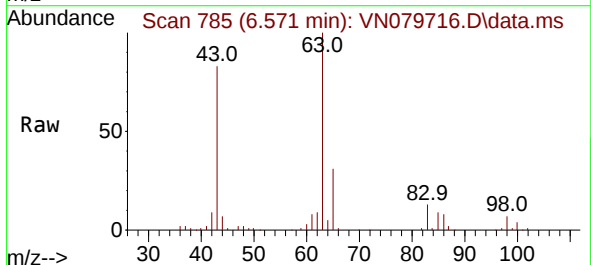
Manual Integrations
 APPROVED

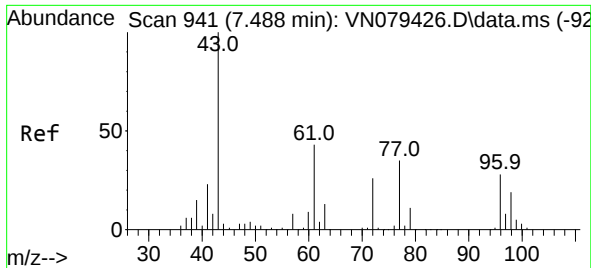
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#24
 1,1-Dichloroethane
 Concen: 92.380 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079716.D
 Acq: 30 Oct 2023 10:10

Tgt Ion: 63 Resp: 693827
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 3.9 2.5 7.4





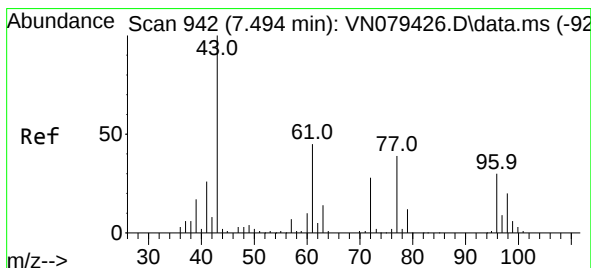
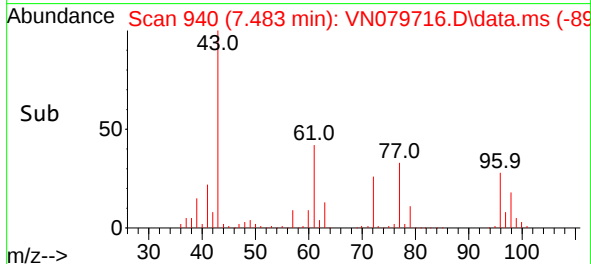
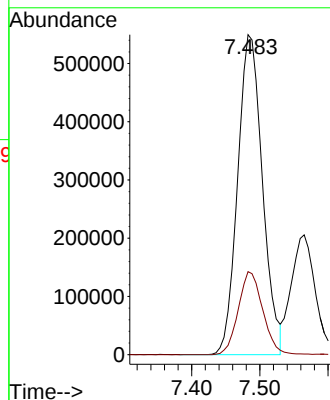
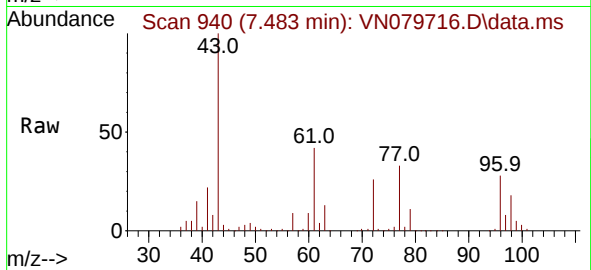
#25
2-Butanone
Concen: 487.250 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 1391368
Ion Ratio Lower Upper
43 100
72 25.9 30.2 45.2

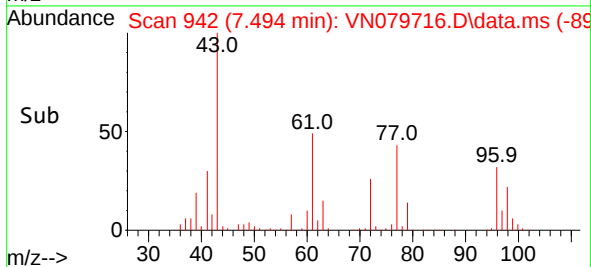
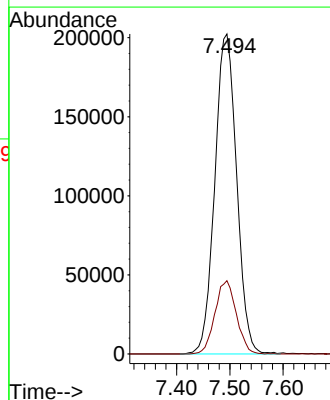
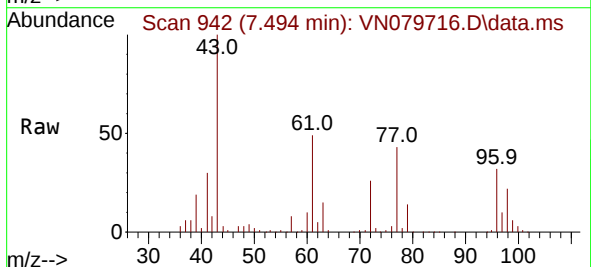
Manual Integrations
APPROVED

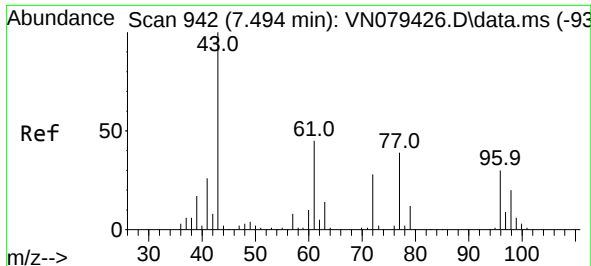
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#26
2,2-Dichloropropane
Concen: 94.837 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

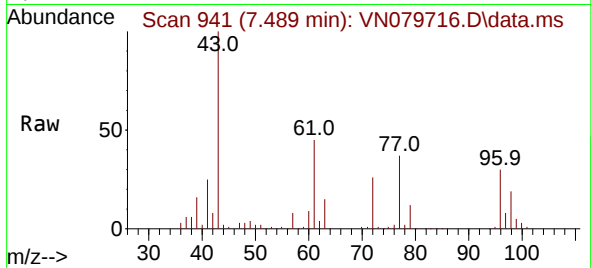
Tgt Ion: 77 Resp: 576361
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 96.764 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.005 min
 Lab File: VN079716.D
 Acq: 30 Oct 2023 10:10

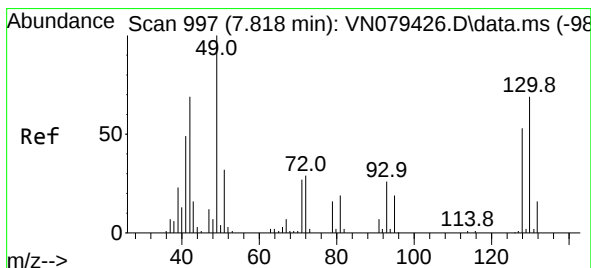
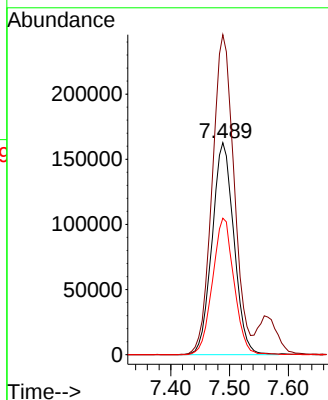
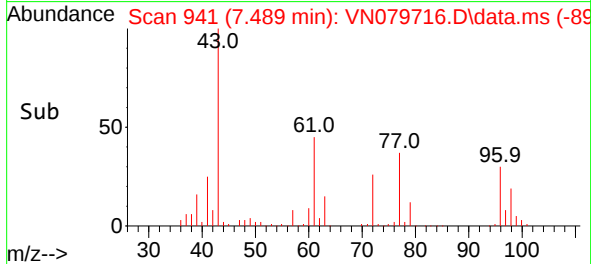
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 420400
 Ion Ratio Lower Upper
 96 100
 61 150.6 0.0 255.2
 98 63.5 0.0 128.8

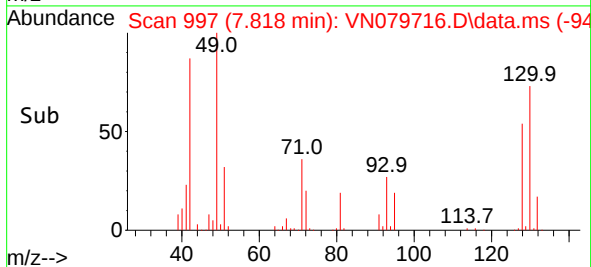
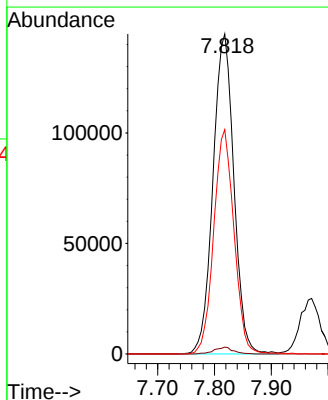
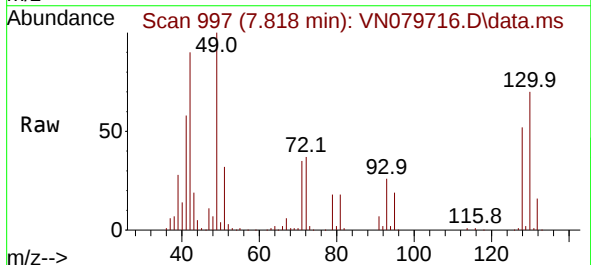
Manual Integrations
 APPROVED

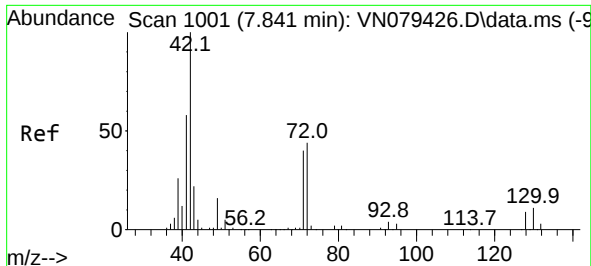
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#28
 Bromochloromethane
 Concen: 100.817 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079716.D
 Acq: 30 Oct 2023 10:10

Tgt Ion: 49 Resp: 370363
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 67.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 483.697 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 84382

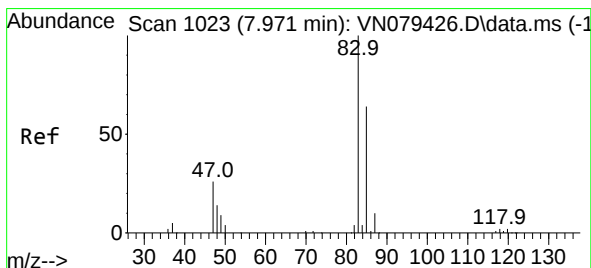
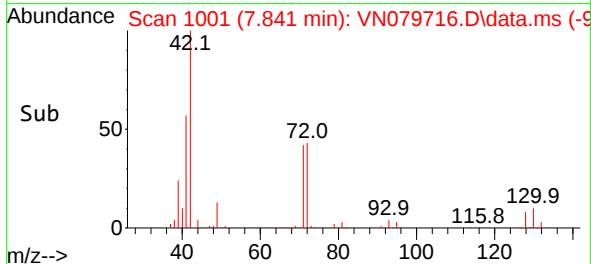
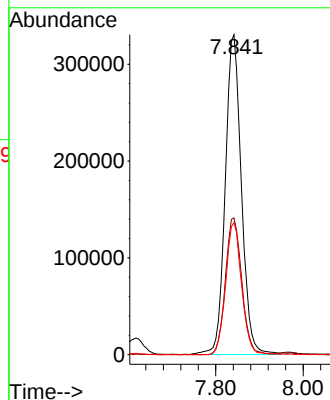
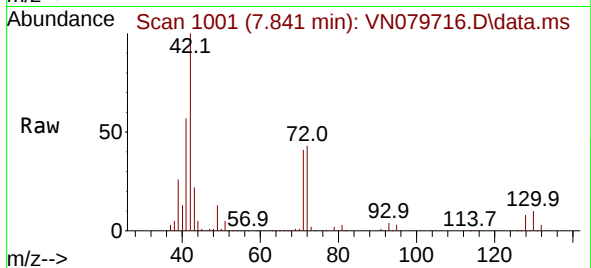
Ion	Ratio	Lower	Upper
42	100		
72	43.5	49.8	74.6
71	40.7	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 93.358 ug/l

RT: 7.965 min Scan# 1022

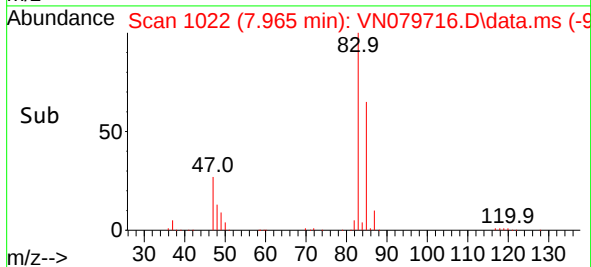
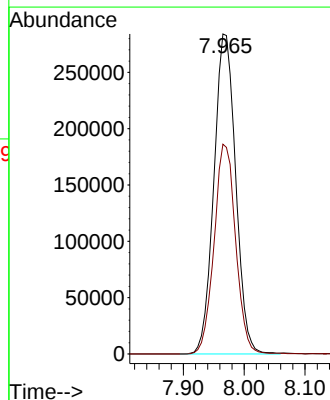
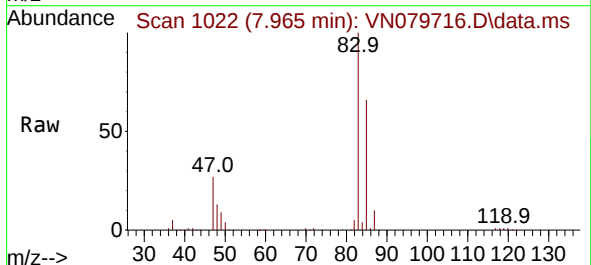
Delta R.T. -0.006 min

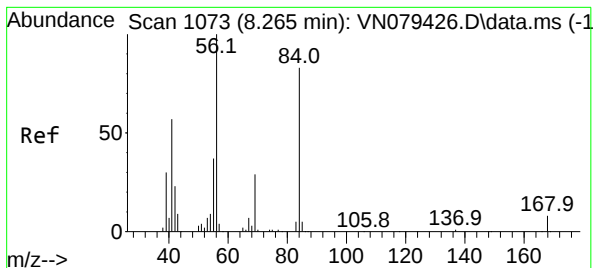
Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

Tgt Ion: 83 Resp: 706055

Ion	Ratio	Lower	Upper
83	100		
85	65.6	55.4	83.0





#31

Cyclohexane

Concen: 89.933 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079716.D

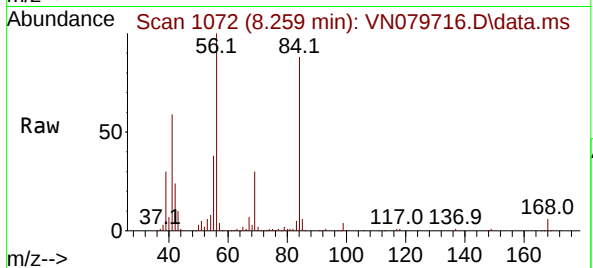
Acq: 30 Oct 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



Tgt Ion: 56 Resp: 596174

Ion Ratio Lower Upper

56 100

69 30.2 26.8 40.2

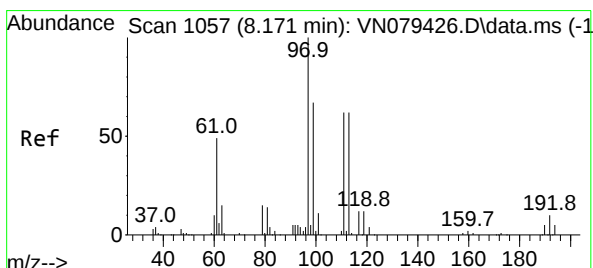
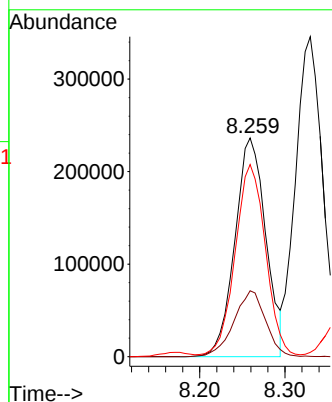
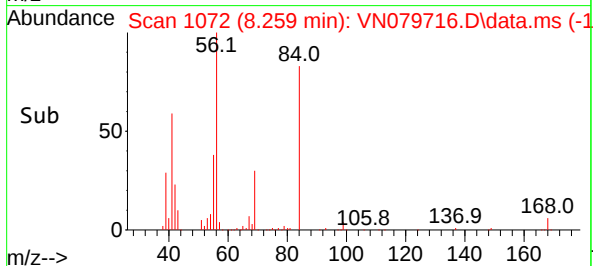
84 85.9 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#32

1,1,1-Trichloroethane

Concen: 93.581 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

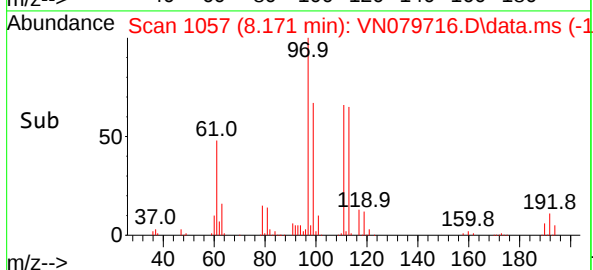
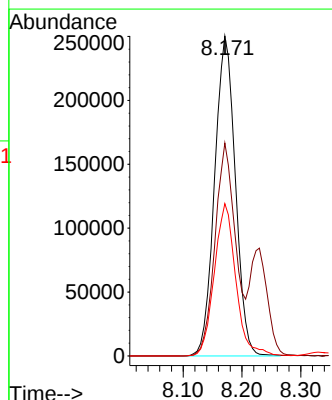
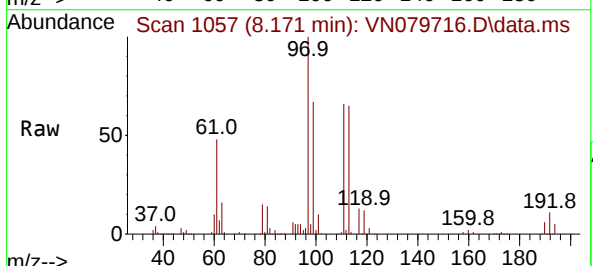
Tgt Ion: 97 Resp: 613525

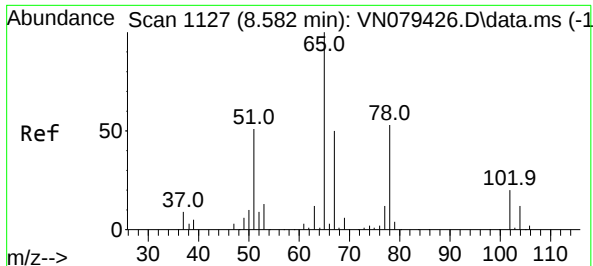
Ion Ratio Lower Upper

97 100

99 66.4 50.3 75.5

61 49.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 101.452 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 49295

Ion Ratio Lower Upper

65 100

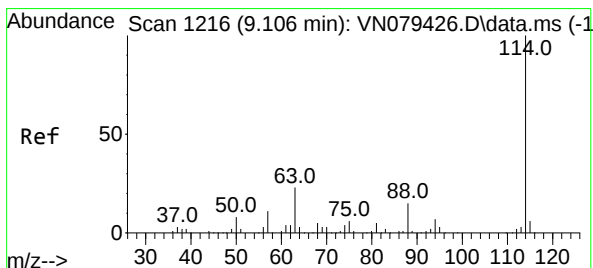
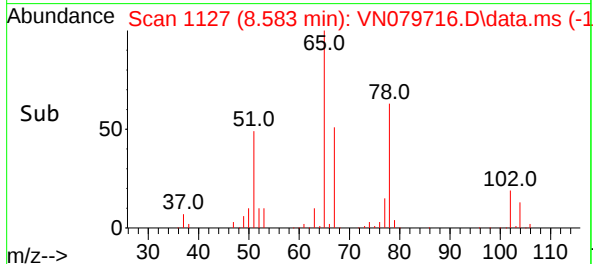
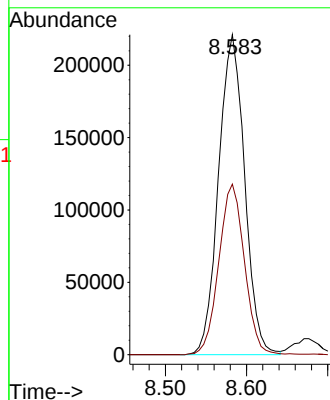
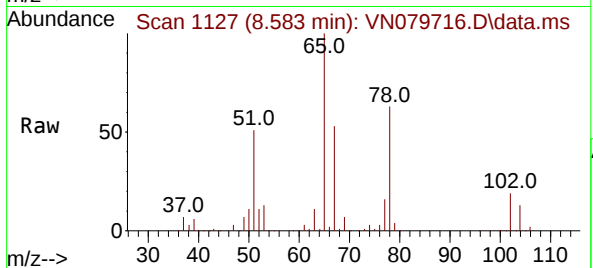
67 52.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

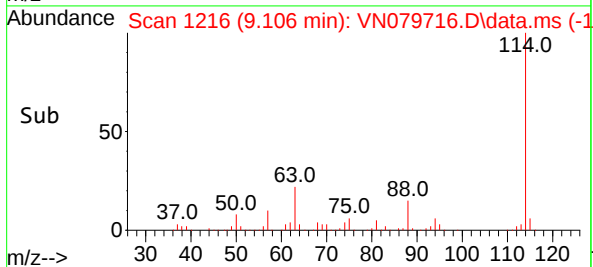
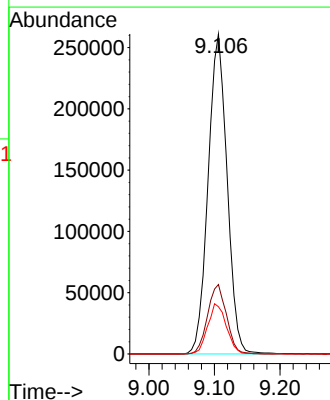
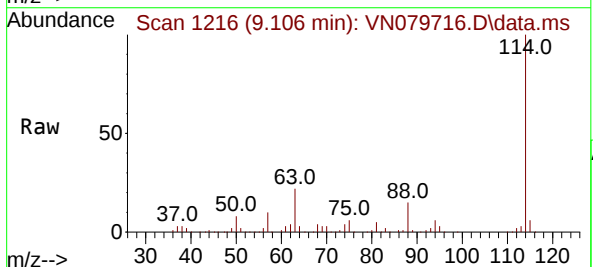
Tgt Ion:114 Resp: 524547

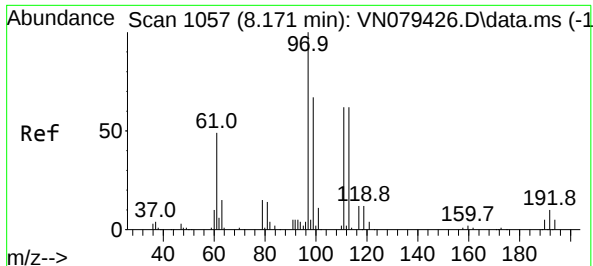
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 102.729 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 113 Resp: 38504

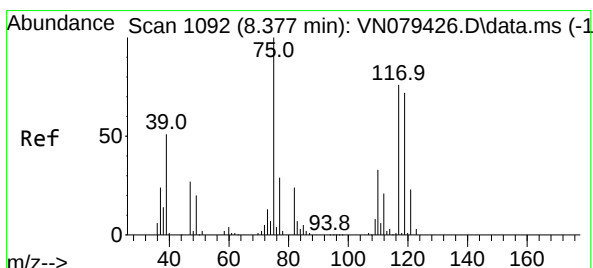
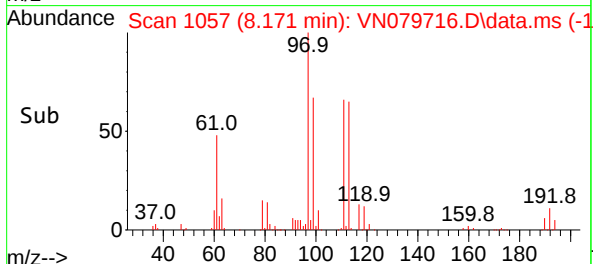
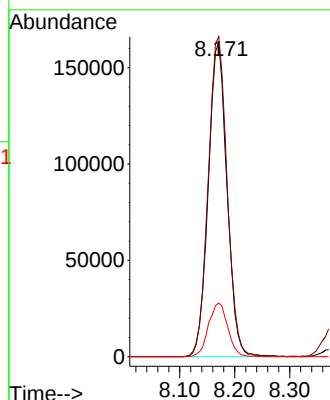
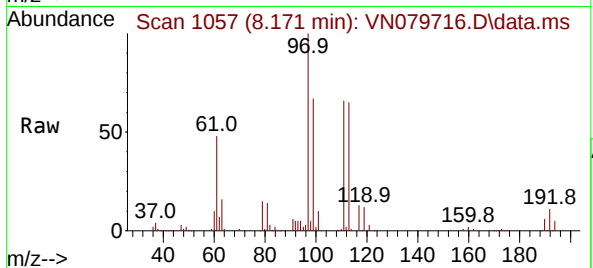
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	17.7	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 10/31/2023

Supervised By : Mahesh Dadoda 10/31/2023



#36

1,1-Dichloropropene

Concen: 97.744 ug/l

RT: 8.371 min Scan# 1091

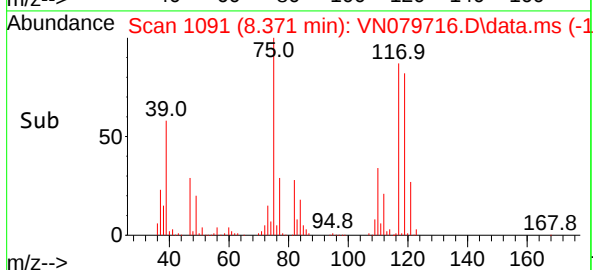
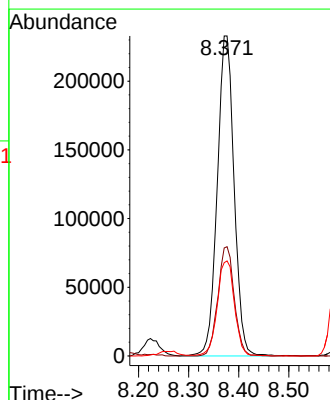
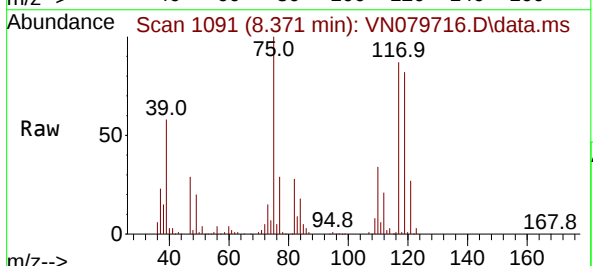
Delta R.T. -0.006 min

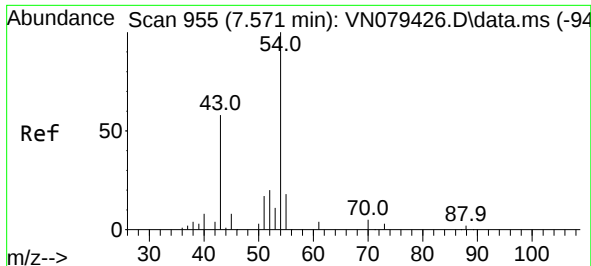
Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

Tgt Ion: 75 Resp: 543504

Ion	Ratio	Lower	Upper
75	100		
110	33.3	19.1	57.3
77	30.5	25.0	37.4





#37

Ethyl Acetate

Concen: 94.409 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 520329

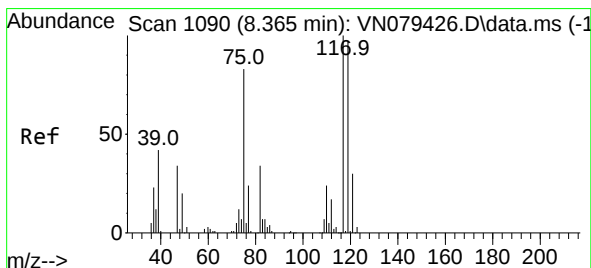
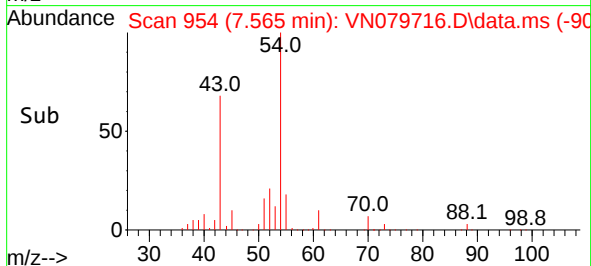
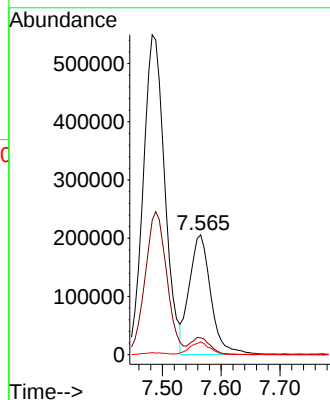
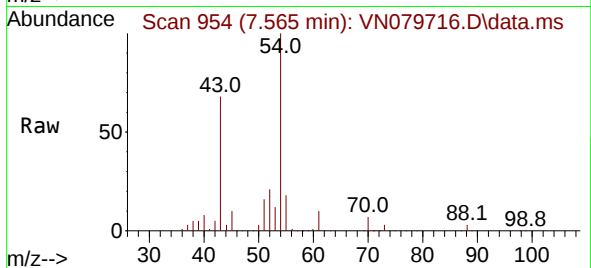
Ion	Ratio	Lower	Upper
43	100		
61	12.9	13.2	19.8
70	10.0	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#38

Carbon Tetrachloride

Concen: 95.377 ug/l

RT: 8.365 min Scan# 1090

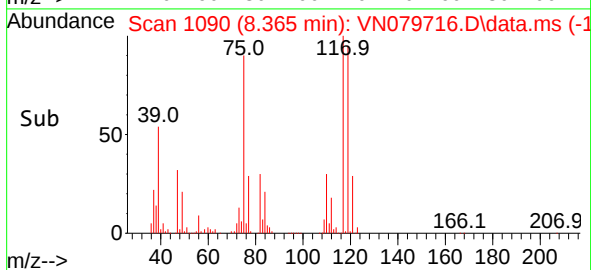
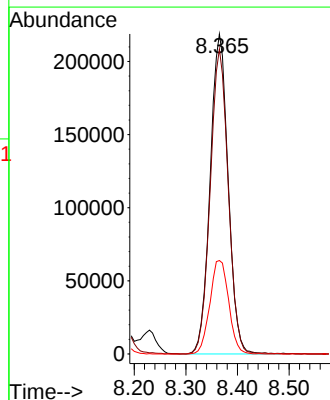
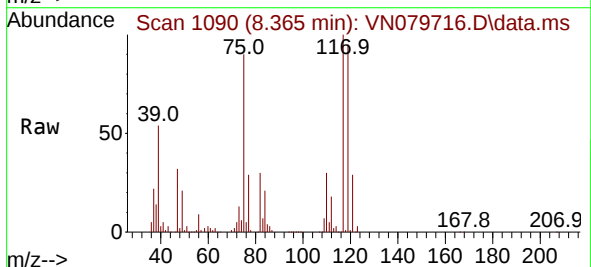
Delta R.T. -0.000 min

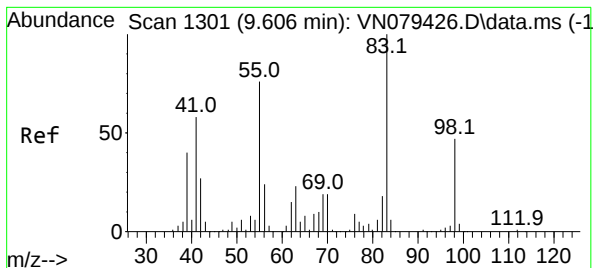
Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

Tgt Ion:117 Resp: 528866

Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.3	115.9
121	29.2	23.3	34.9





#39

Methylcyclohexane

Concen: 103.274 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 571200

Ion Ratio Lower Upper

83 100

55 74.8 49.1 73.7

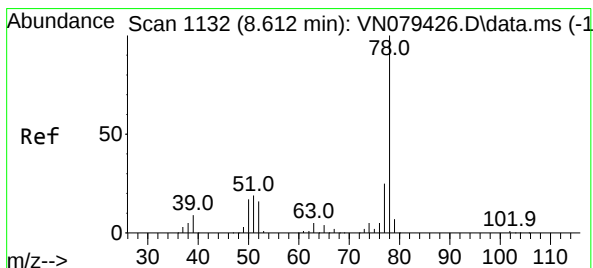
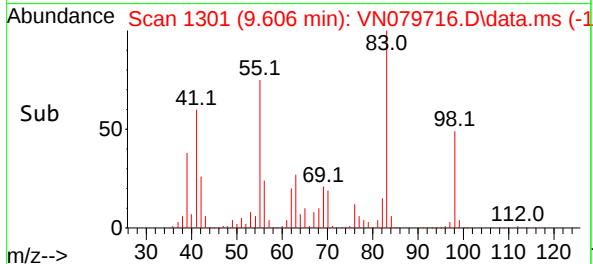
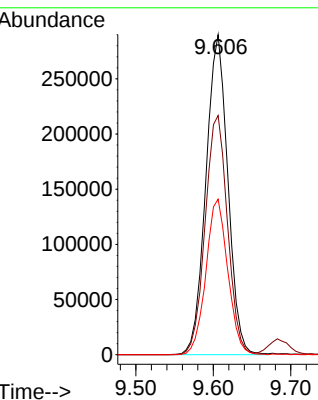
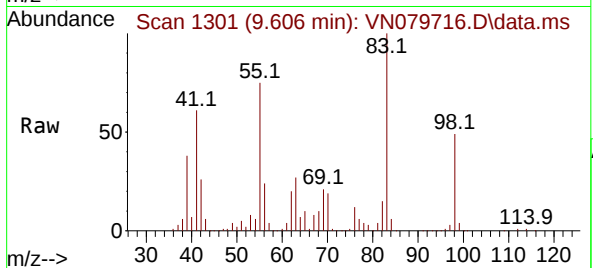
98 48.6 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 96.581 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079716.D

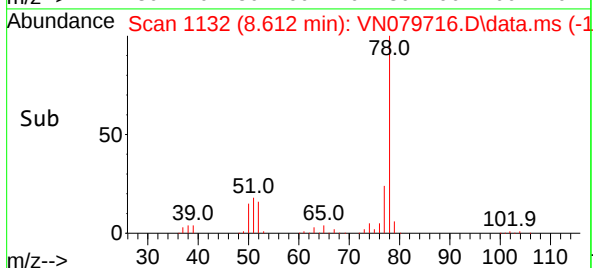
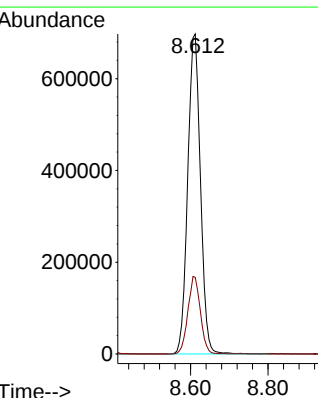
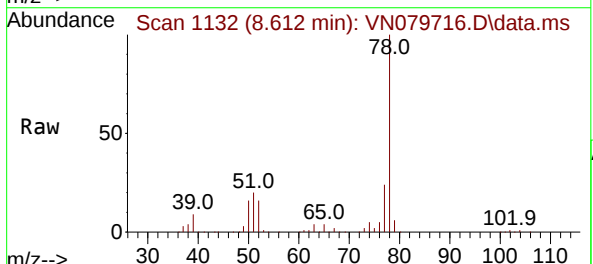
Acq: 30 Oct 2023 10:10

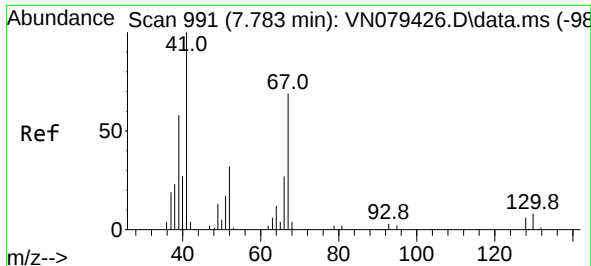
Tgt Ion: 78 Resp: 1585006

Ion Ratio Lower Upper

78 100

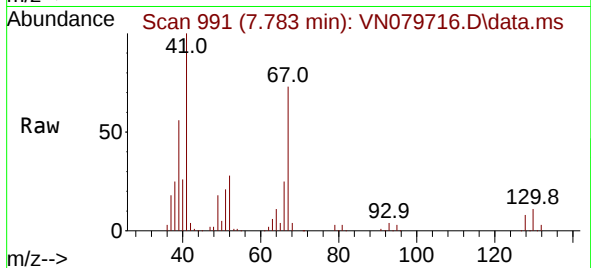
77 24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 96.198 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

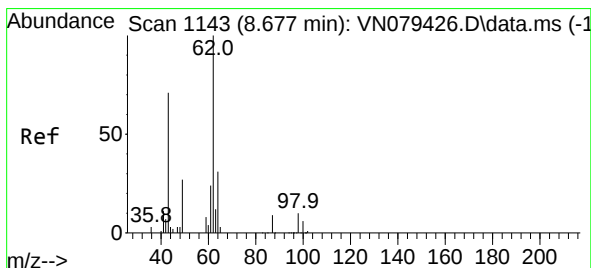
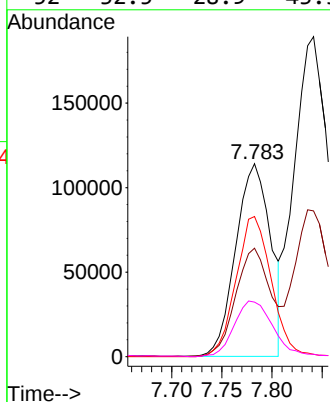
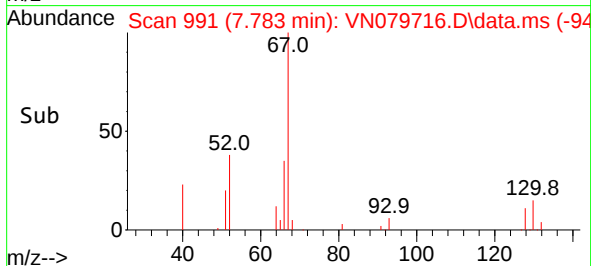
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



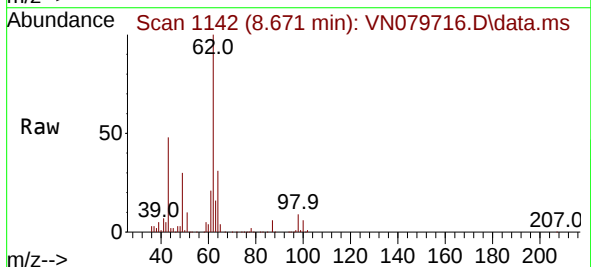
Tgt Ion: 41 Resp: 276529
Ion Ratio Lower Upper
41 100
39 55.2 42.6 64.0
67 73.8 77.5 116.3
52 32.5 28.9 43.3

Manual Integrations
APPROVED

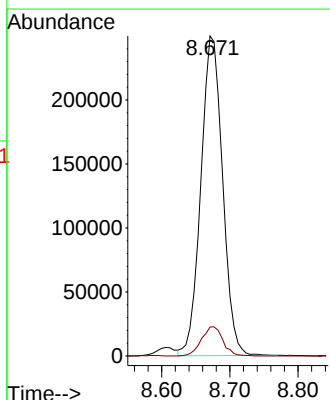
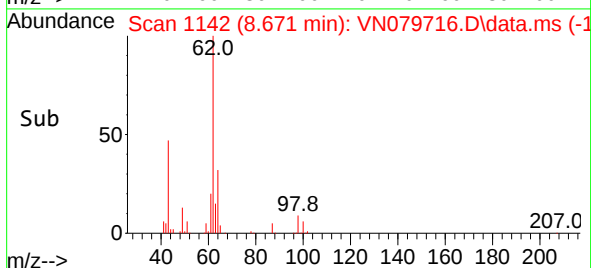
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

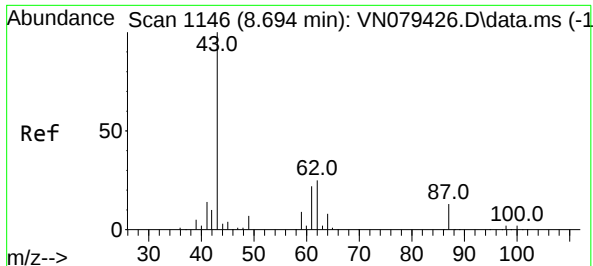


#42
1,2-Dichloroethane
Concen: 92.954 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10



Tgt Ion: 62 Resp: 554052
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 97.204 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 85648

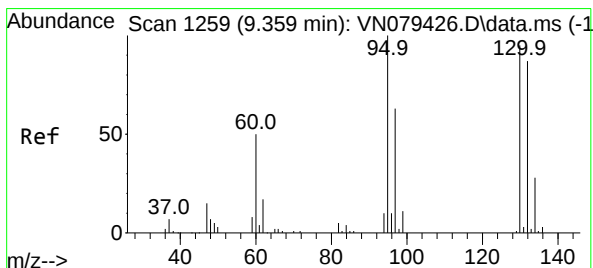
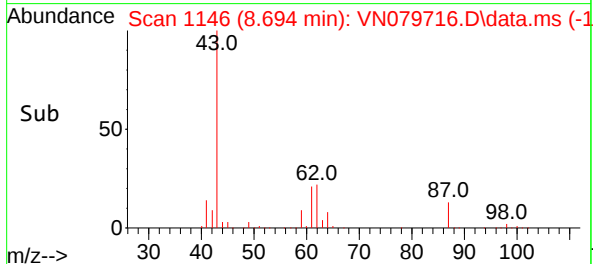
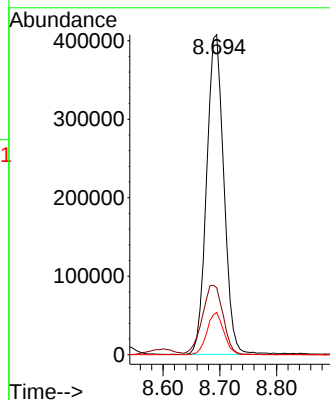
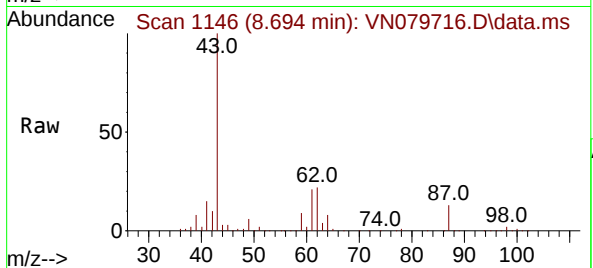
Ion	Ratio	Lower	Upper
43	100		
61	26.4	24.7	37.1
87	12.9	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#44

Trichloroethene

Concen: 94.390 ug/l

RT: 9.353 min Scan# 1258

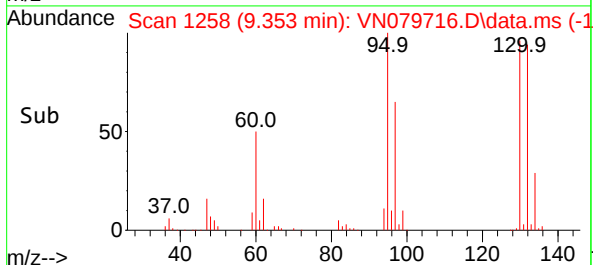
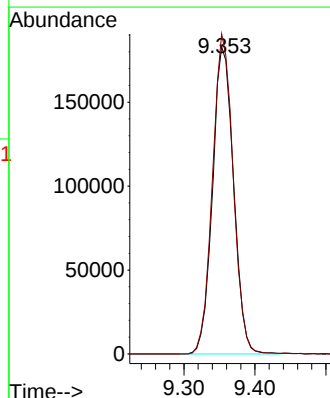
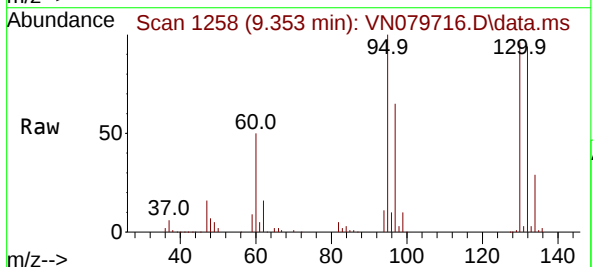
Delta R.T. -0.006 min

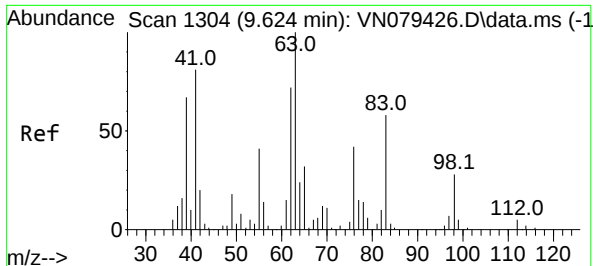
Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

Tgt Ion:130 Resp: 375238

Ion	Ratio	Lower	Upper
130	100		
95	104.2	0.0	204.6





#45

1,2-Dichloropropane

Concen: 95.232 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 415094

Ion Ratio Lower Upper

63 100

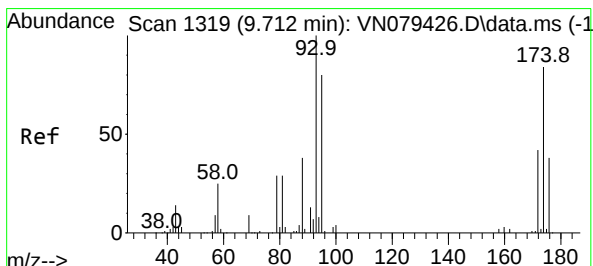
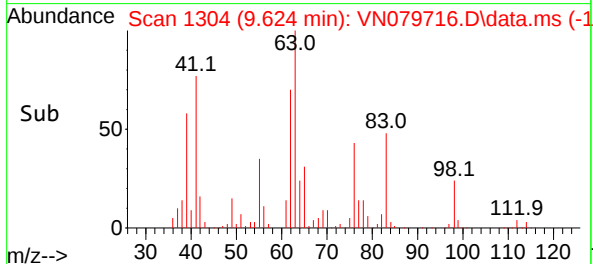
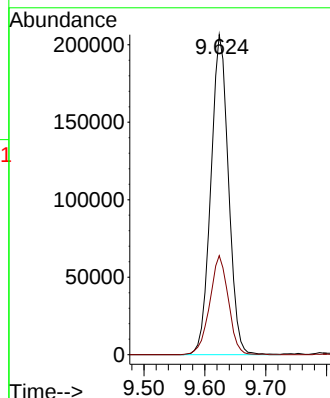
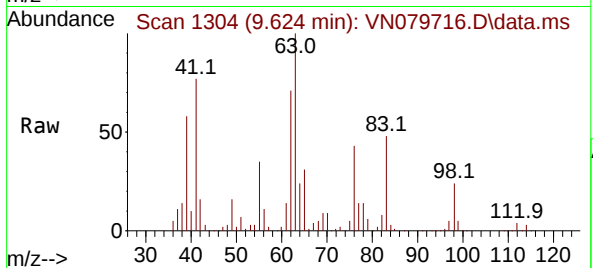
65 31.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 92.779 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

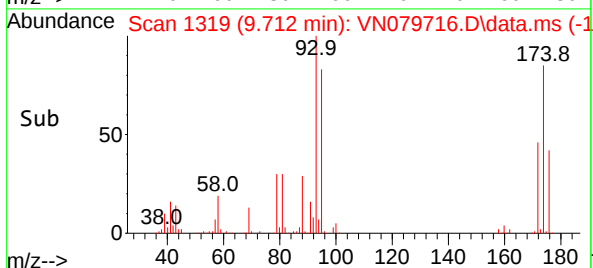
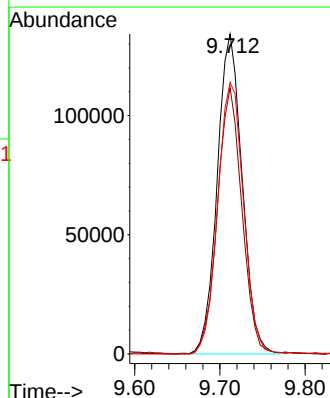
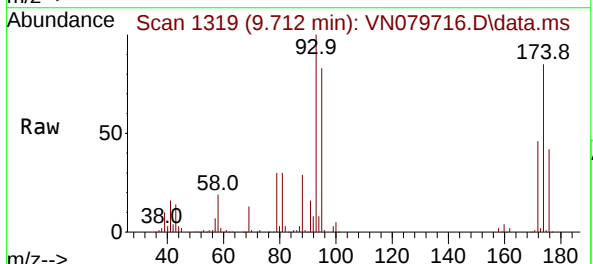
Tgt Ion: 93 Resp: 272748

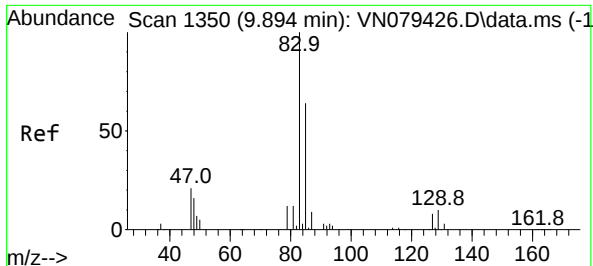
Ion Ratio Lower Upper

93 100

95 81.8 63.8 95.8

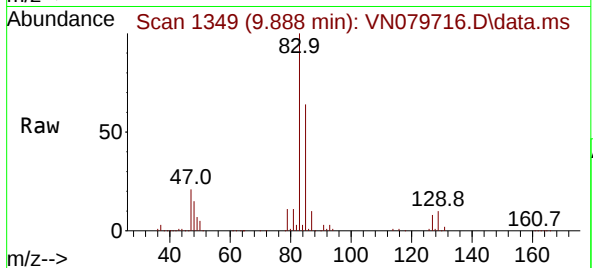
174 87.9 65.6 98.4





#47
Bromodichloromethane
Concen: 96.285 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

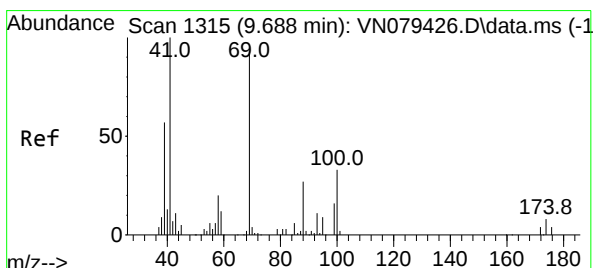
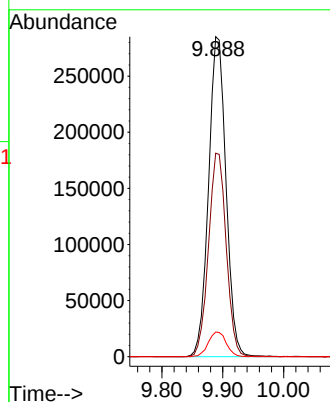
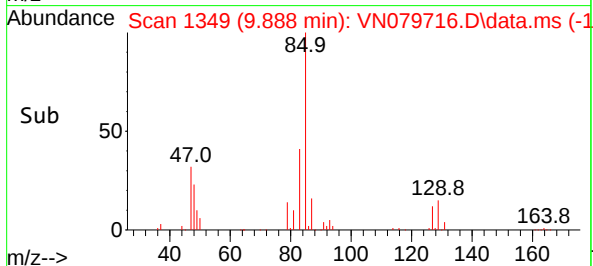
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 567829
Ion Ratio Lower Upper
83 100
85 63.6 49.6 74.4
127 7.7 7.0 10.6

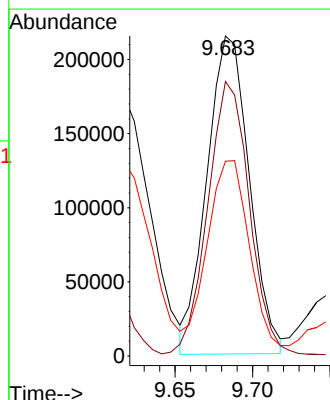
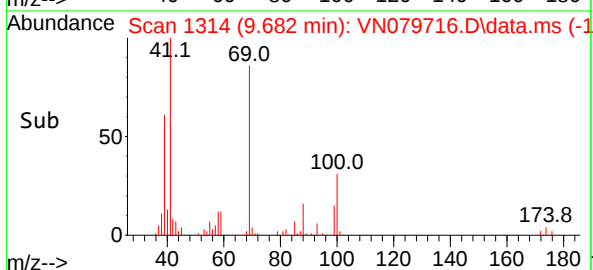
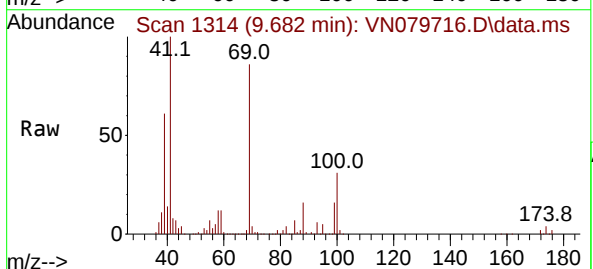
Manual Integrations
APPROVED

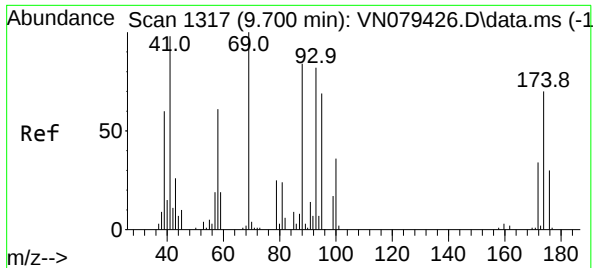
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#48
Methyl methacrylate
Concen: 100.004 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Tgt Ion: 41 Resp: 408515
Ion Ratio Lower Upper
41 100
69 85.9 90.4 135.6#
39 62.9 54.6 81.8





#49

1,4-Dioxane

Concen: 1915.636 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 137700

Ion Ratio Lower Upper

88 100

43 28.5 17.0 25.6

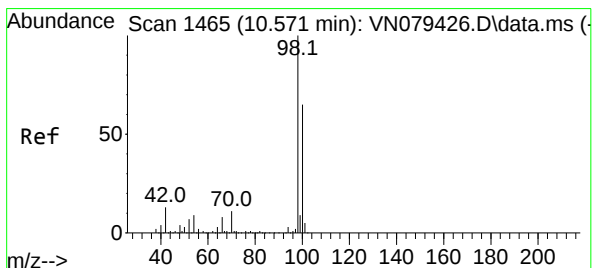
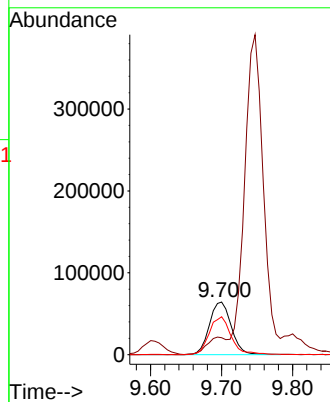
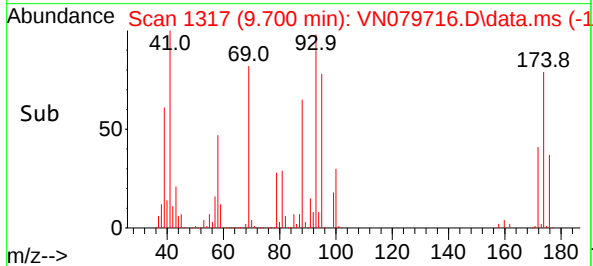
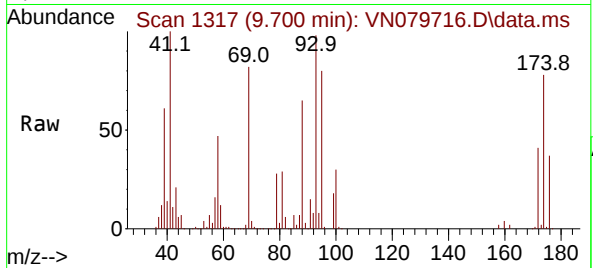
58 72.9 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#50

Toluene-d8

Concen: 106.553 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079716.D

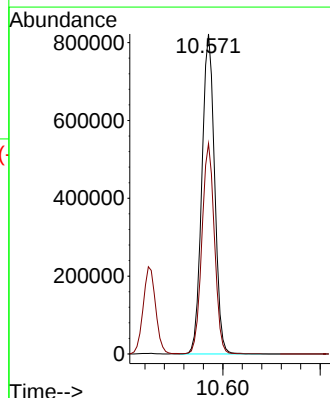
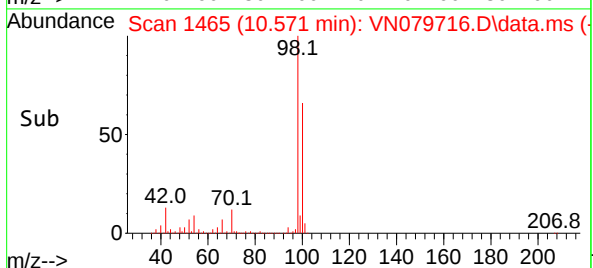
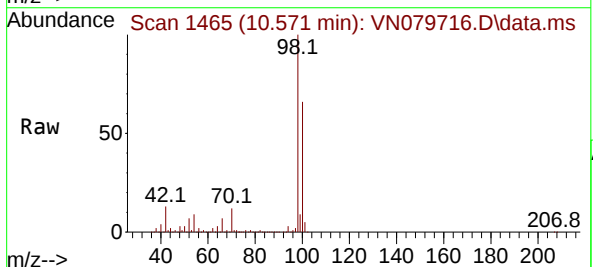
Acq: 30 Oct 2023 10:10

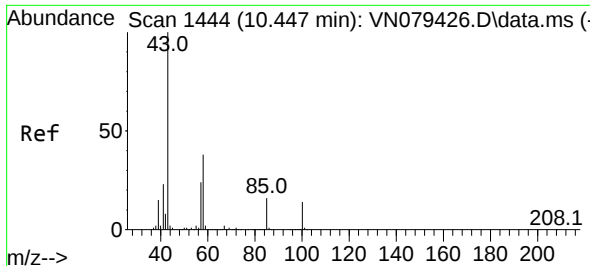
Tgt Ion: 98 Resp: 1488814

Ion Ratio Lower Upper

98 100

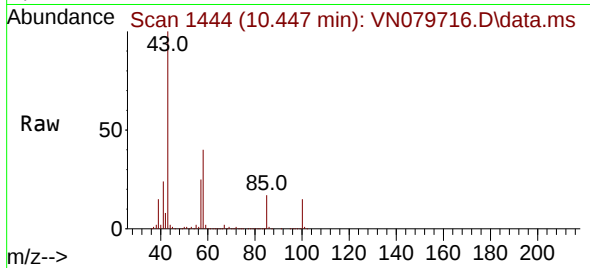
100 65.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 491.744 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

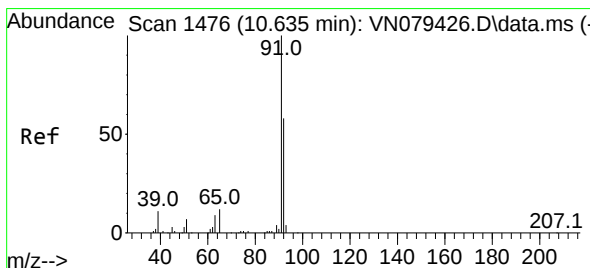
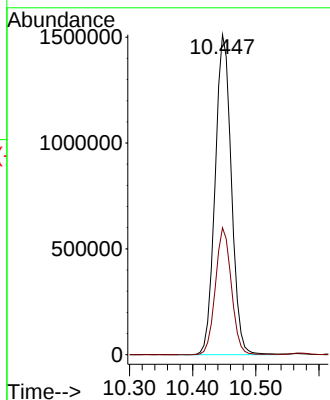
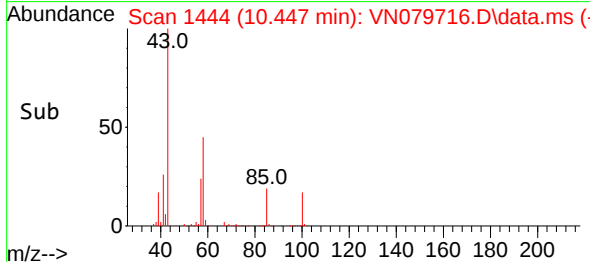
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



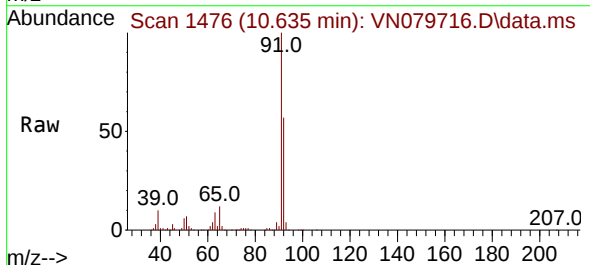
Tgt Ion: 43 Resp: 269595
Ion Ratio Lower Upper
43 100
58 39.0 36.6 54.8

Manual Integrations
APPROVED

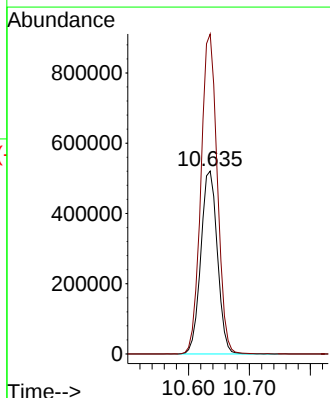
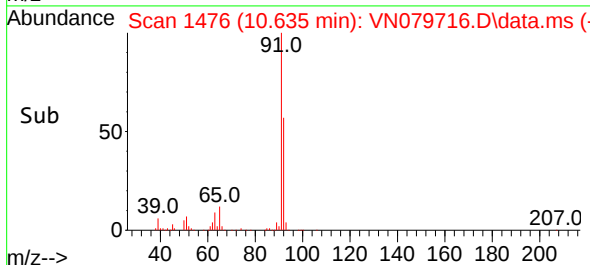
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

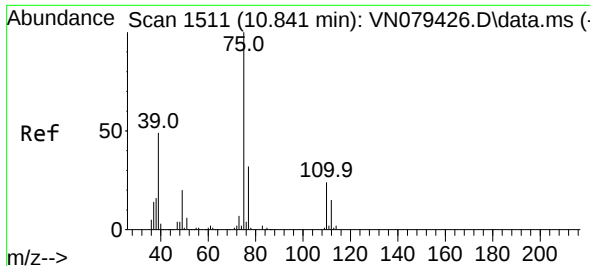


#52
Toluene
Concen: 98.368 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10



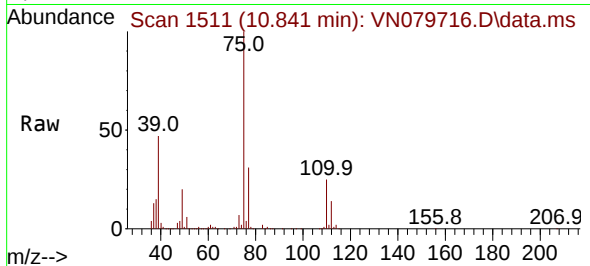
Tgt Ion: 92 Resp: 985533
Ion Ratio Lower Upper
92 100
91 173.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 104.249 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

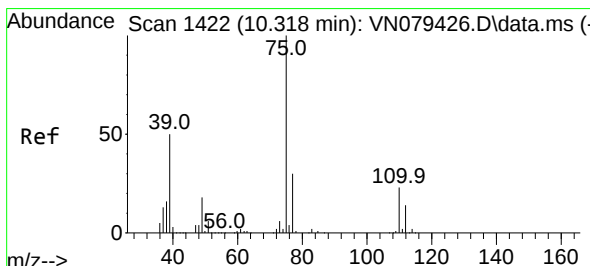
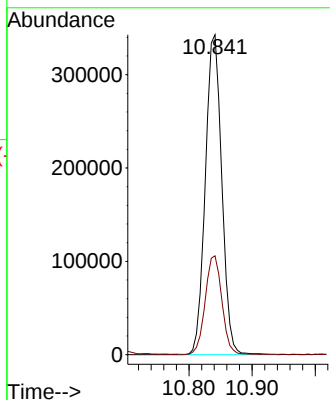
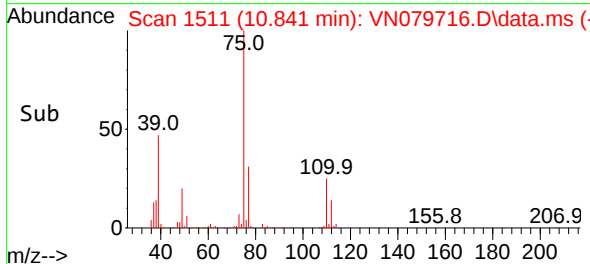
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



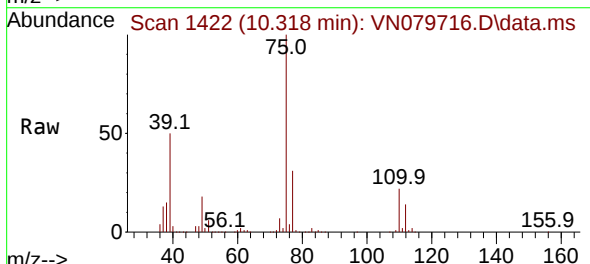
Tgt Ion: 75 Resp: 620820
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0

Manual Integrations
APPROVED

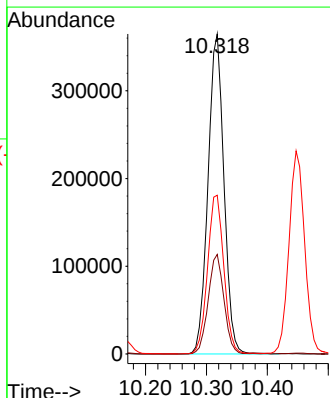
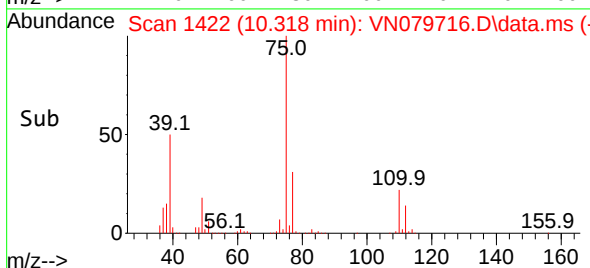
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

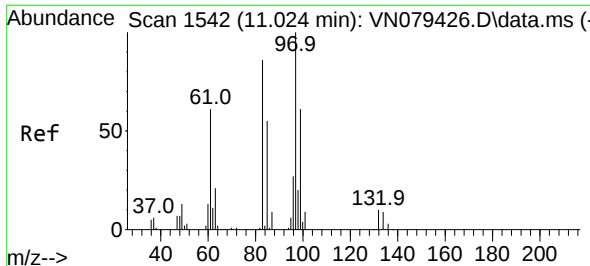


#54
cis-1,3-Dichloropropene
Concen: 101.682 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10



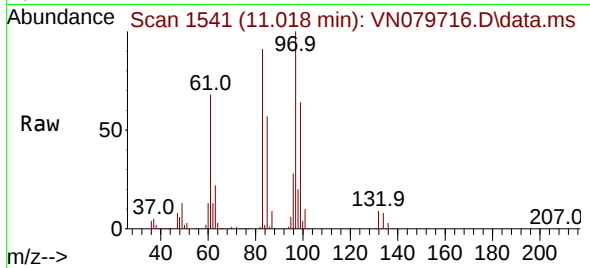
Tgt Ion: 75 Resp: 662504
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
39 49.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 94.724 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

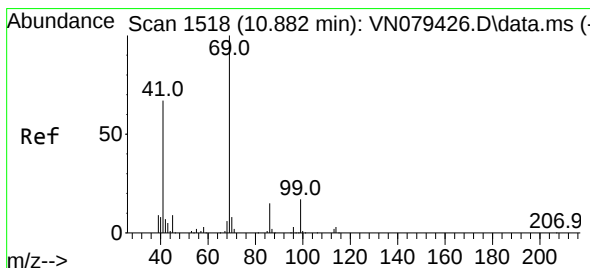
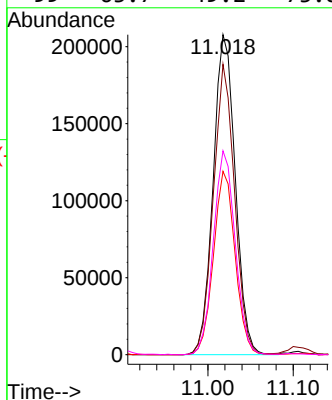
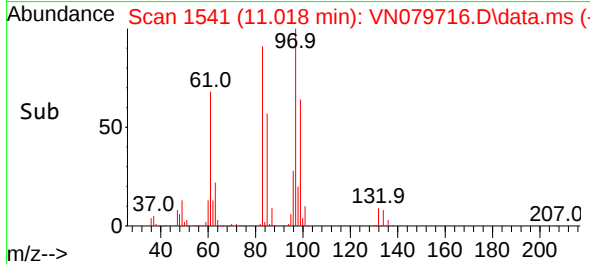
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



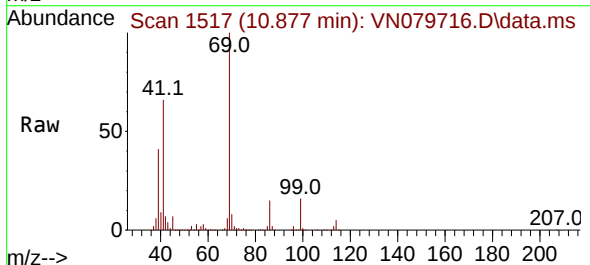
Tgt Ion: 97 Resp: 375319
Ion Ratio Lower Upper
97 100
83 90.7 65.1 97.7
85 57.3 43.4 65.2
99 63.7 49.2 73.8

Manual Integrations
APPROVED

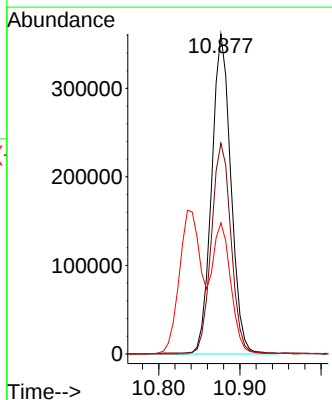
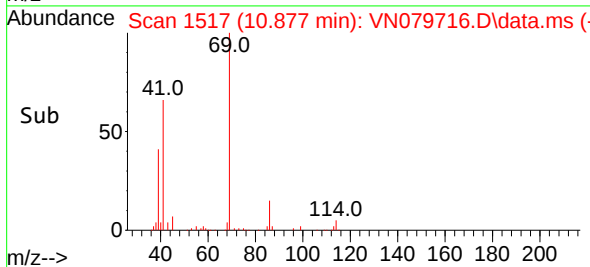
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

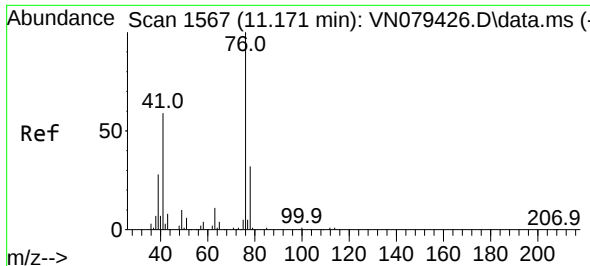


#56
Ethyl methacrylate
Concen: 106.404 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10



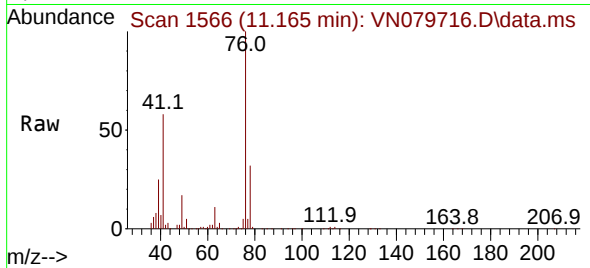
Tgt Ion: 69 Resp: 595408
Ion Ratio Lower Upper
69 100
41 67.9 39.6 59.4#
39 38.6 28.6 43.0





#57
1,3-Dichloropropane
Concen: 97.542 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

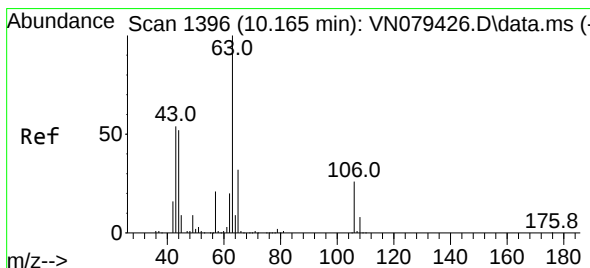
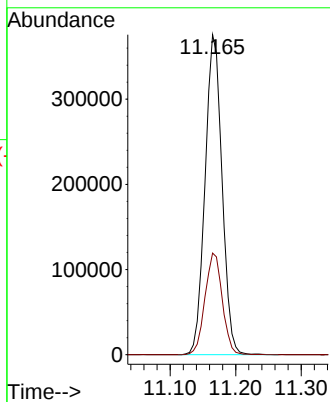
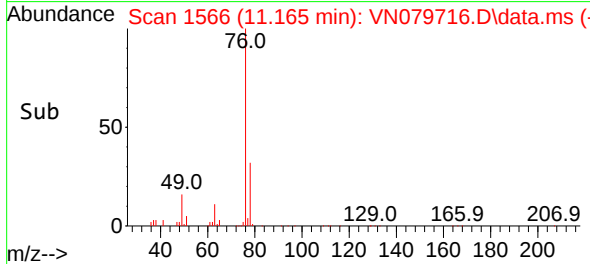
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 676363
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

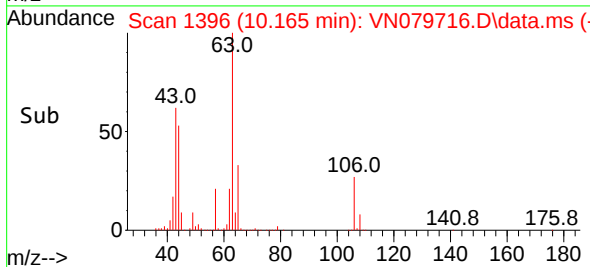
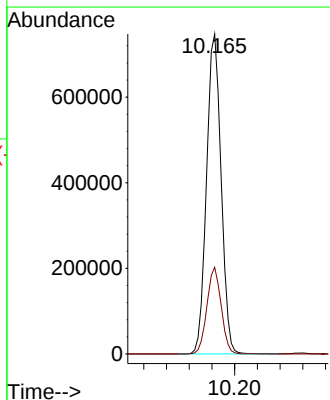
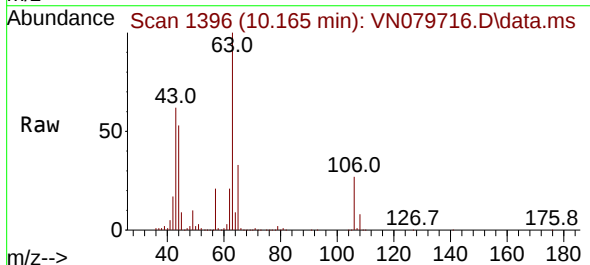
Manual Integrations
APPROVED

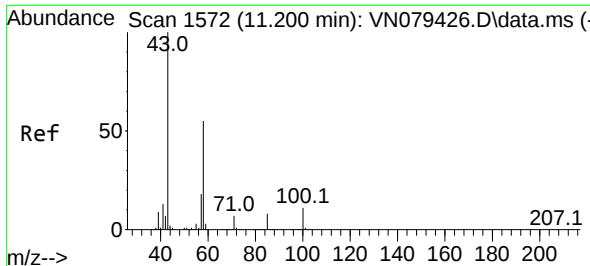
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#58
2-Chloroethyl Vinyl ether
Concen: 642.365 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Tgt Ion: 63 Resp: 1324288
Ion Ratio Lower Upper
63 100
106 26.5 26.2 39.4





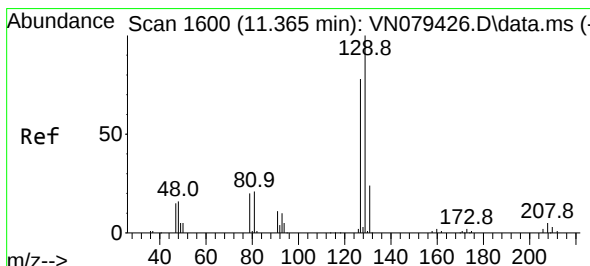
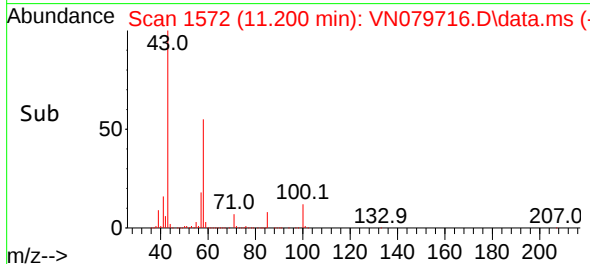
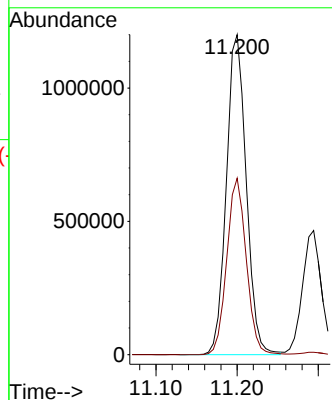
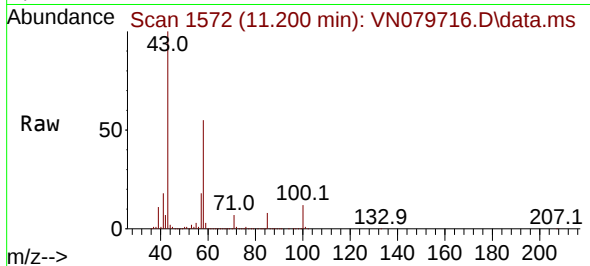
#59
2-Hexanone
Concen: 506.121 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 204025
Ion Ratio Lower Upper
43 100
58 54.2 31.7 95.1

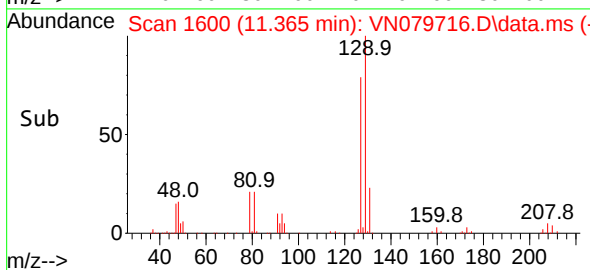
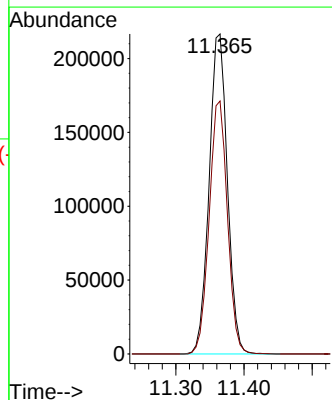
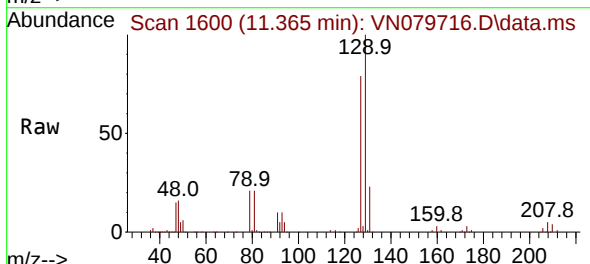
Manual Integrations
APPROVED

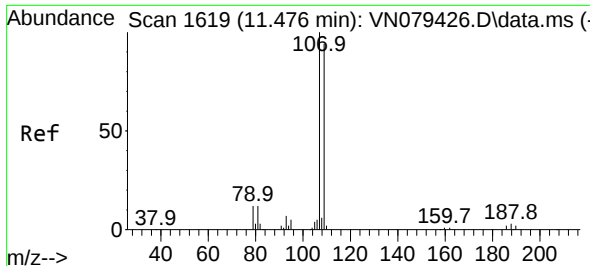
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 98.518 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

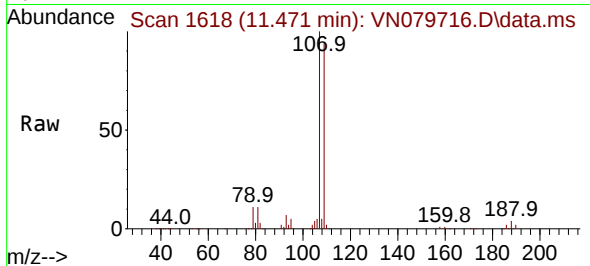
Tgt Ion:129 Resp: 403929
Ion Ratio Lower Upper
129 100
127 79.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 96.559 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

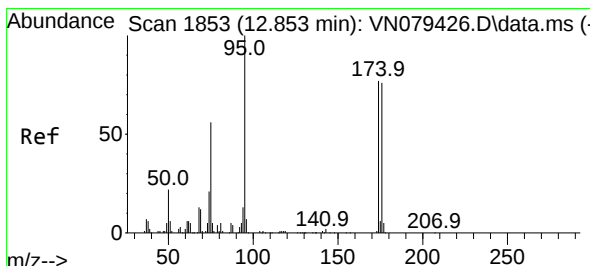
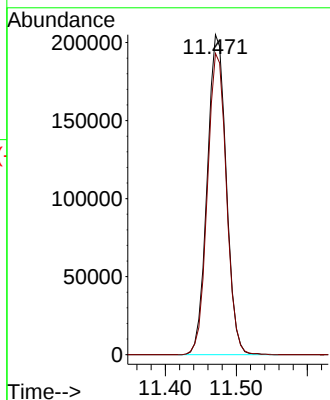
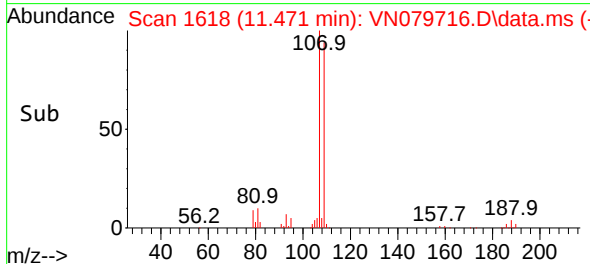
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



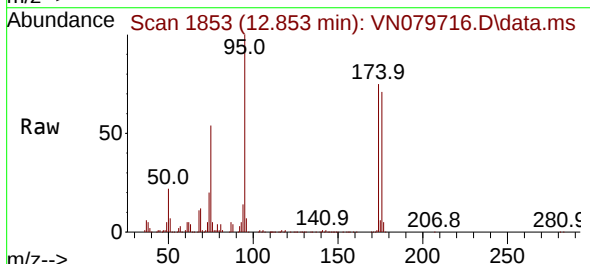
Tgt Ion:107 Resp: 381179
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

Manual Integrations
APPROVED

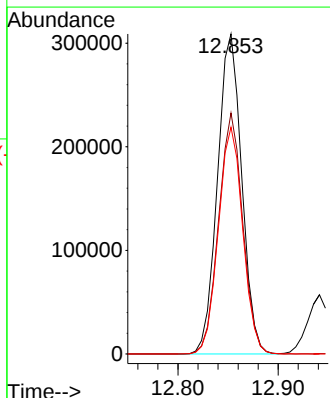
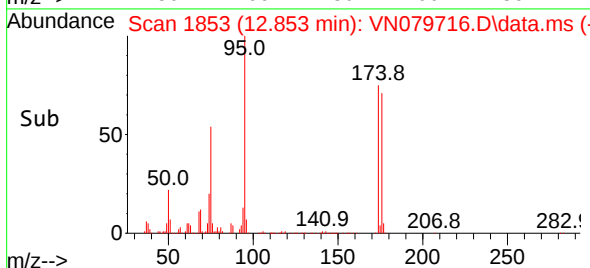
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

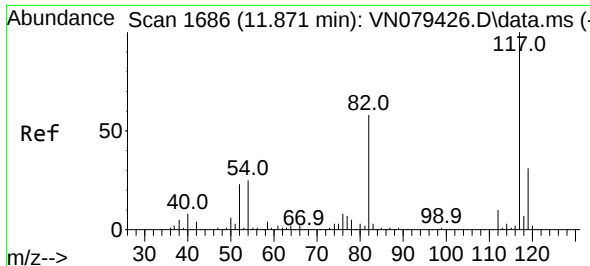


#62
4-Bromofluorobenzene
Concen: 117.766 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10



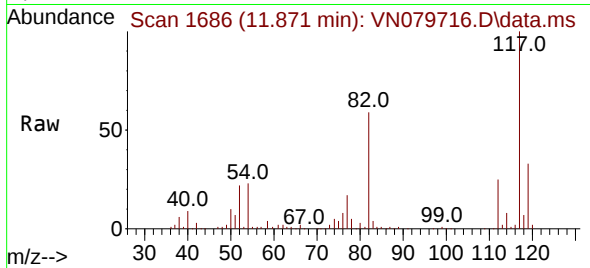
Tgt Ion: 95 Resp: 518183
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 71.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

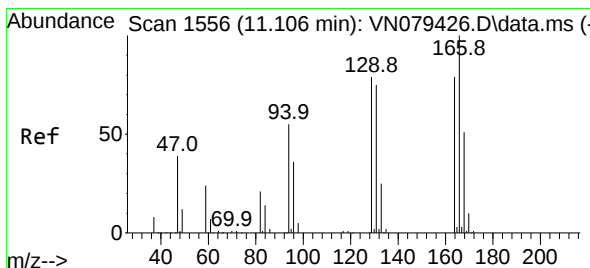
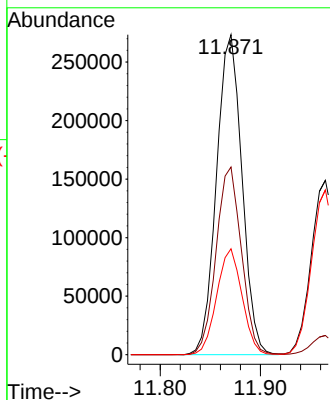
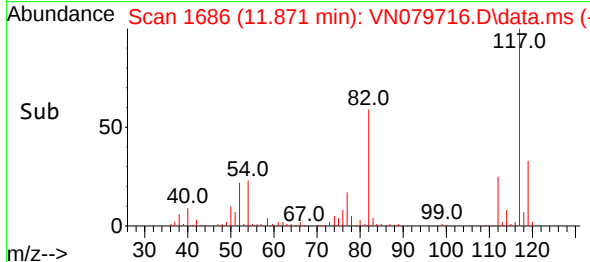
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 483185
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 33.1 25.6 38.4

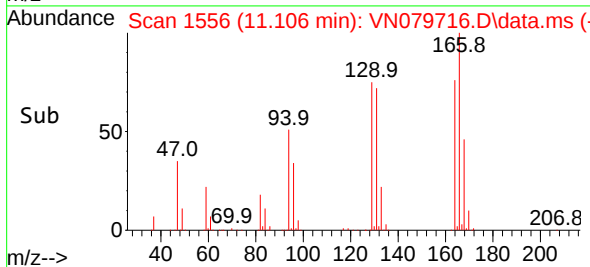
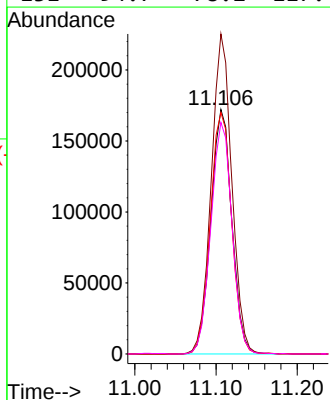
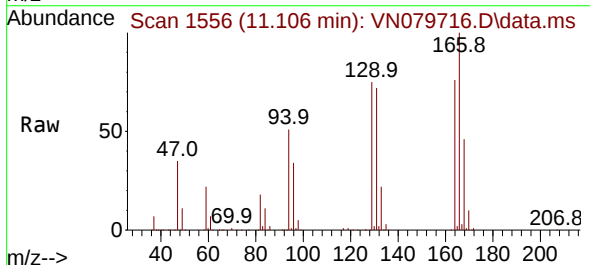
Manual Integrations
APPROVED

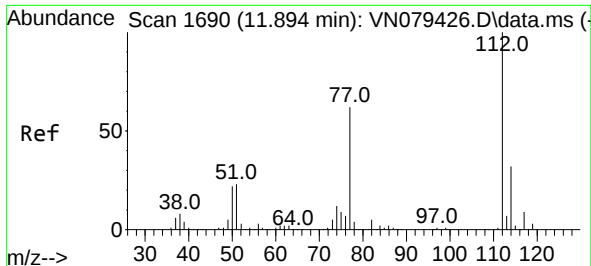
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#64
Tetrachloroethene
Concen: 90.356 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Tgt Ion:164 Resp: 309714
Ion Ratio Lower Upper
164 100
166 130.9 101.4 152.0
129 98.7 82.4 123.6
131 94.7 78.2 117.4





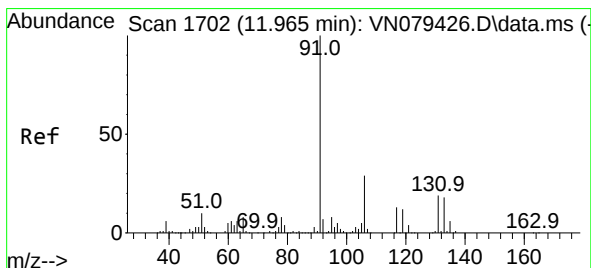
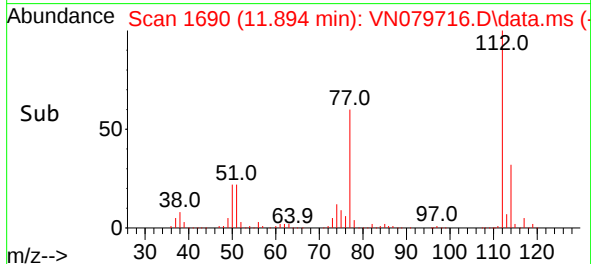
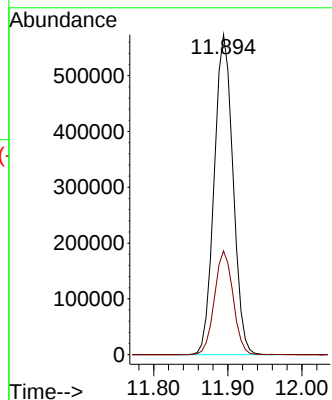
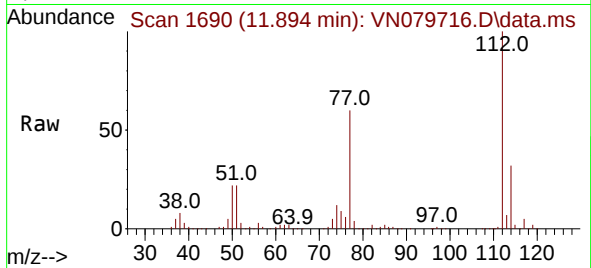
#65
Chlorobenzene
Concen: 94.515 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 1010800
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4

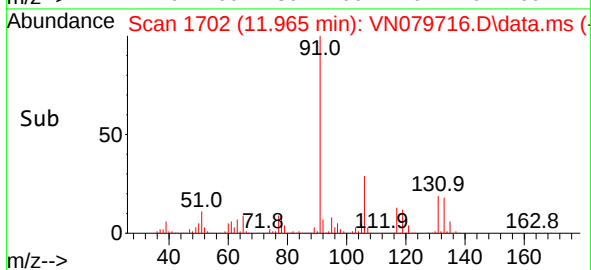
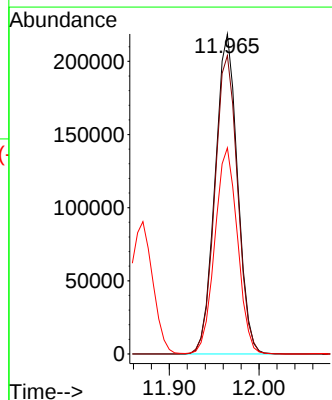
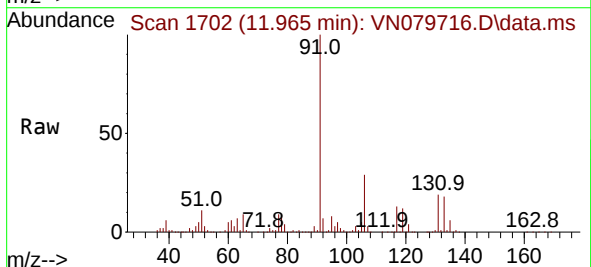
Manual Integrations
APPROVED

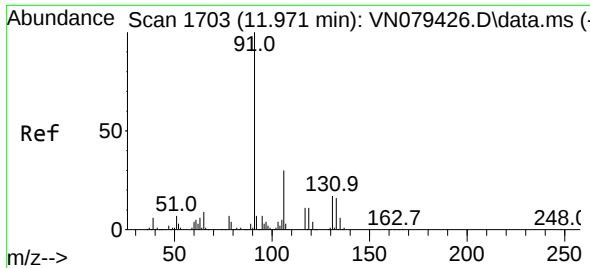
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 95.605 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

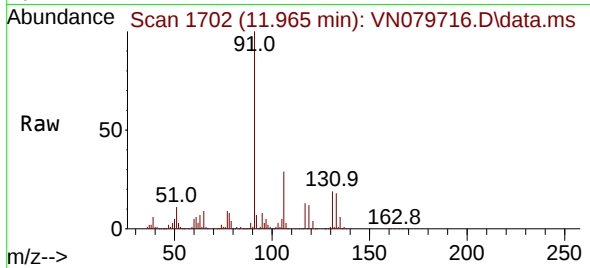
Tgt Ion:131 Resp: 379917
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 65.0 34.1 102.2





#67
Ethyl Benzene
Concen: 101.224 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

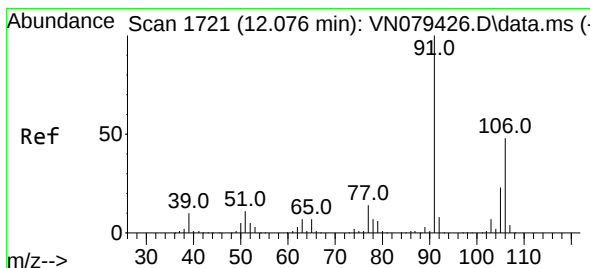
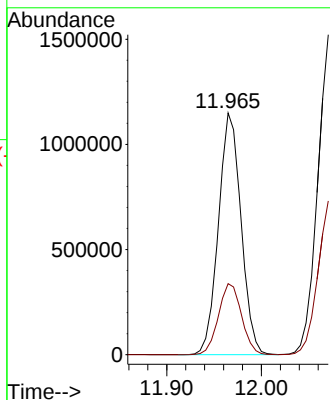
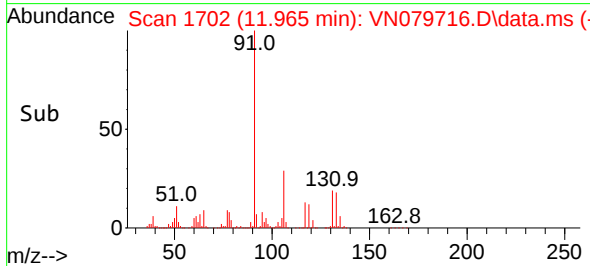
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 1907168
Ion Ratio Lower Upper
91 100
106 29.4 25.6 38.4

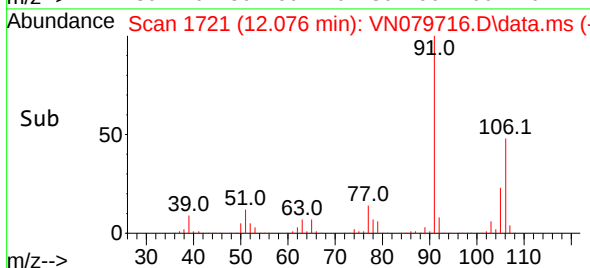
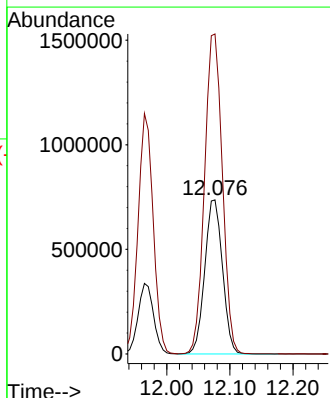
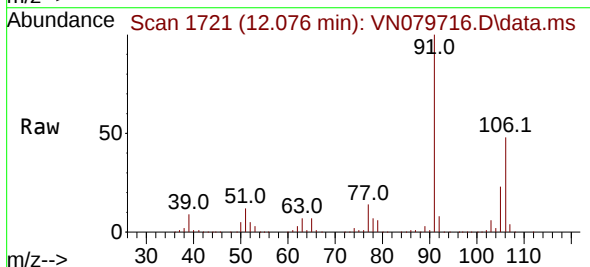
Manual Integrations
APPROVED

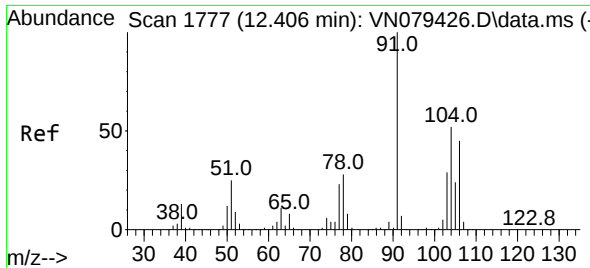
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#68
m/p-Xylenes
Concen: 205.975 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Tgt Ion:106 Resp: 1435360
Ion Ratio Lower Upper
106 100
91 208.6 159.6 239.4





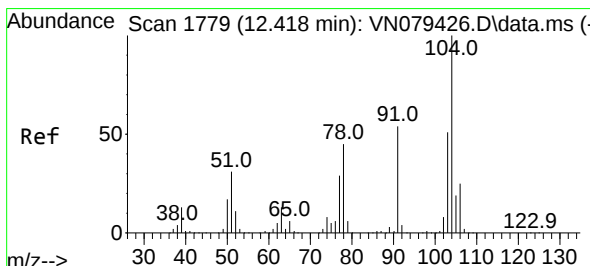
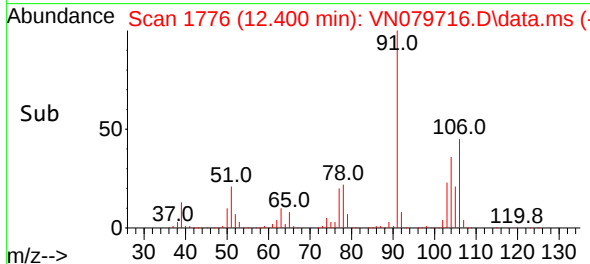
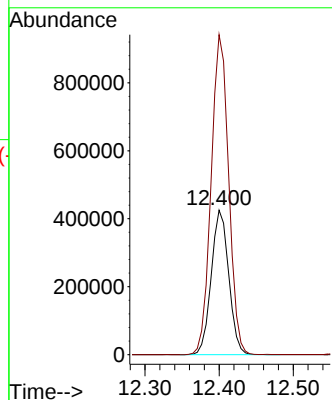
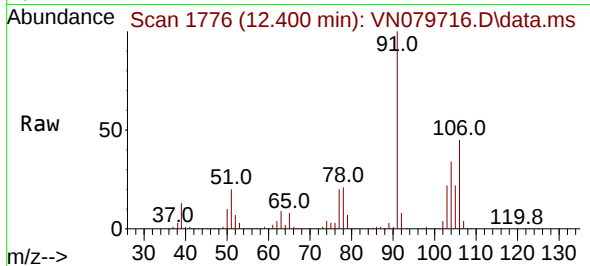
#69
o-Xylene
Concen: 103.833 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 695772
Ion Ratio Lower Upper
106 100
91 222.3 105.2 315.5

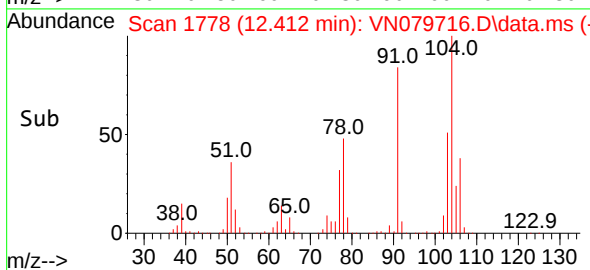
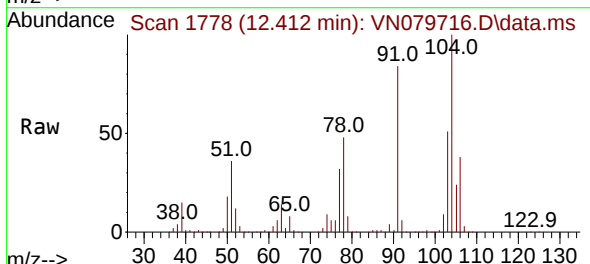
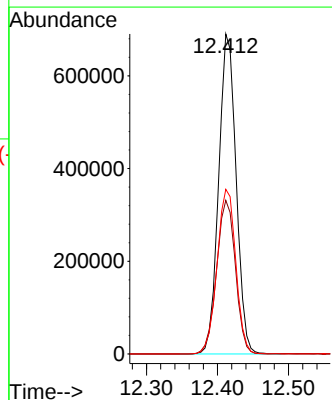
Manual Integrations
APPROVED

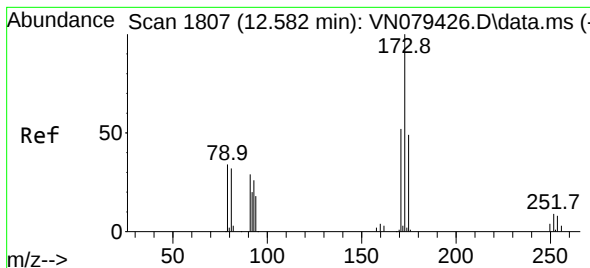
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 109.377 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Tgt Ion:104 Resp: 1174053
Ion Ratio Lower Upper
104 100
78 51.9 39.5 59.3
103 55.3 43.2 64.8





#71

Bromoform

Concen: 99.481 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:173 Resp: 28315

Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

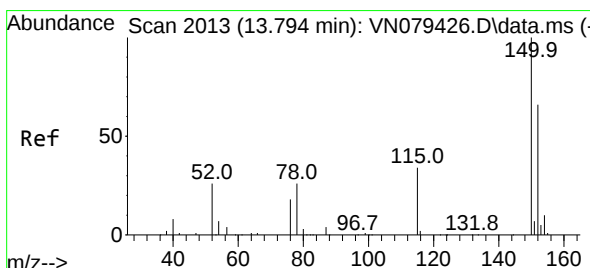
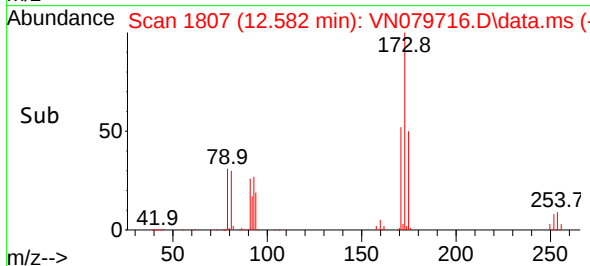
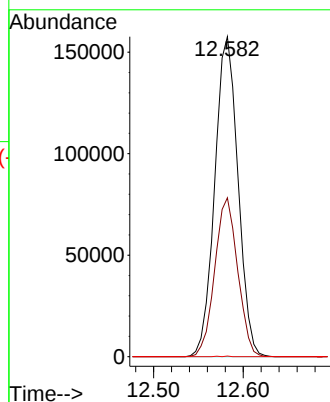
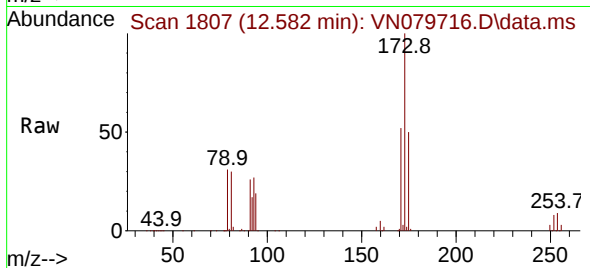
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

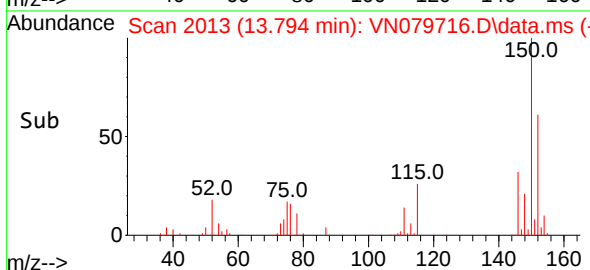
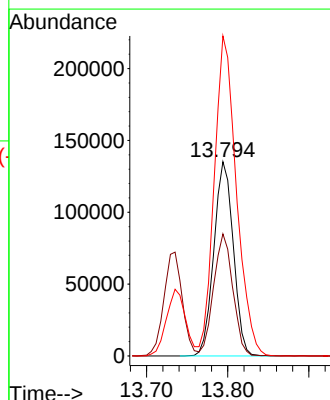
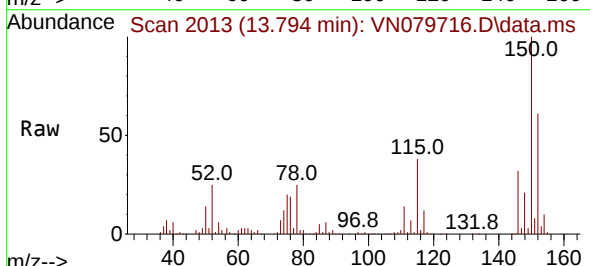
Tgt Ion:152 Resp: 225395

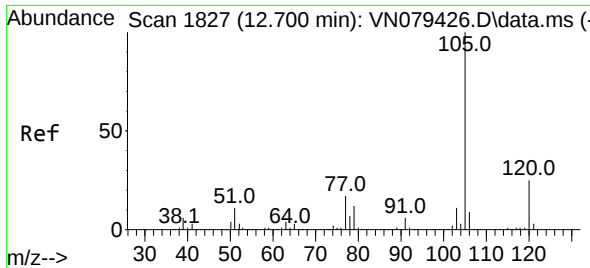
Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 188.0 0.0 355.8





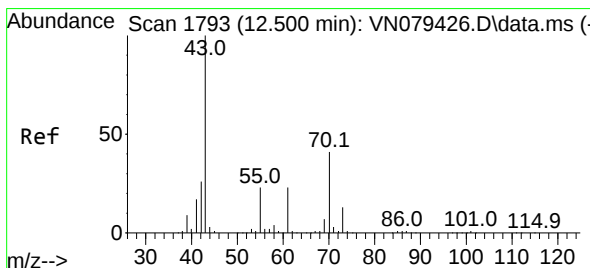
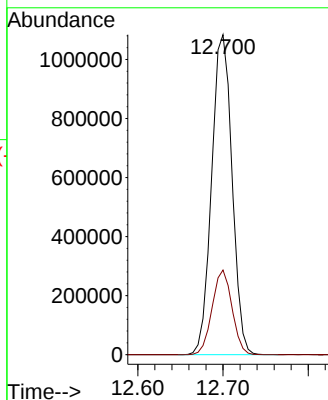
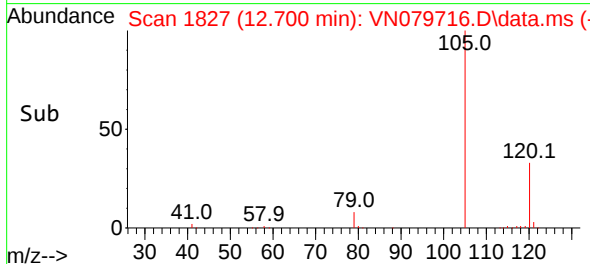
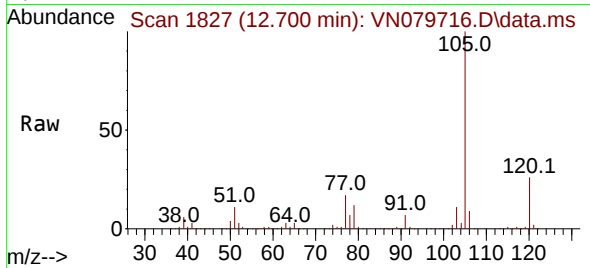
#73
Isopropylbenzene
Concen: 88.320 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 1803138
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

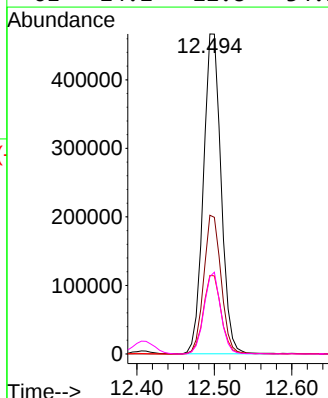
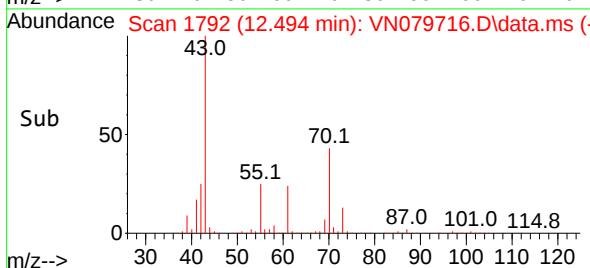
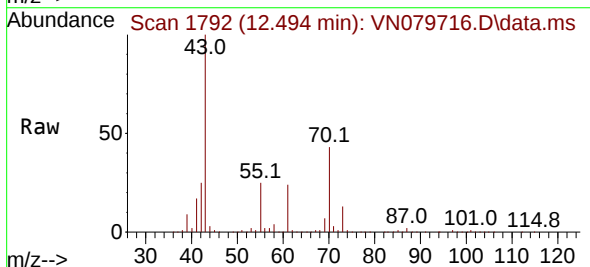
Manual Integrations
APPROVED

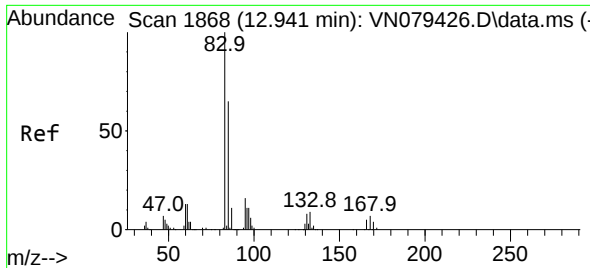
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#74
N-ethyl acetate
Concen: 90.951 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

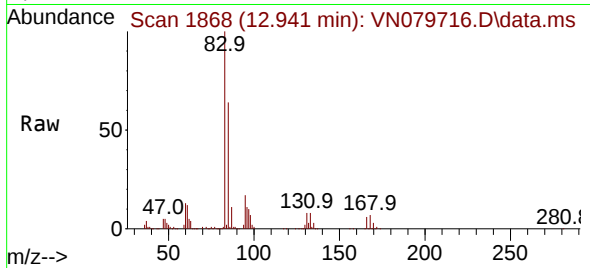
Tgt Ion: 43 Resp: 738542
Ion Ratio Lower Upper
43 100
70 42.8 43.4 65.2#
55 24.9 21.4 32.0
61 24.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 78.163 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

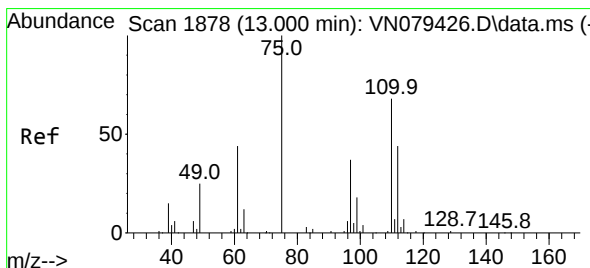
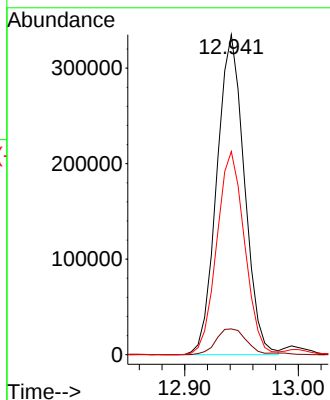
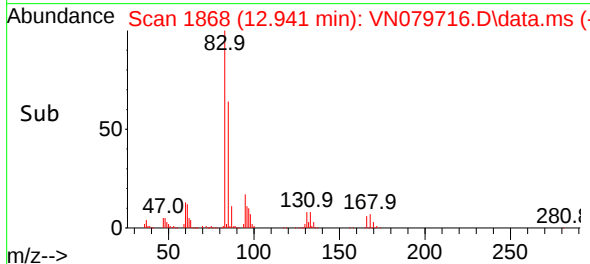
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



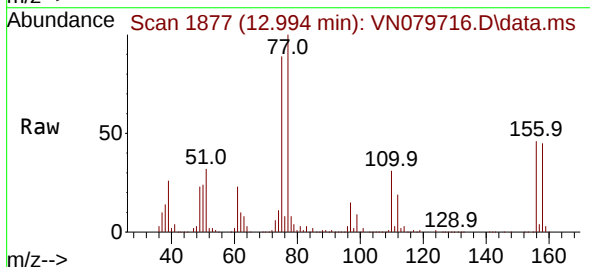
Tgt Ion: 83 Resp: 56494
Ion Ratio Lower Upper
83 100
131 9.2 5.0 15.0
85 64.1 31.9 95.7

Manual Integrations
APPROVED

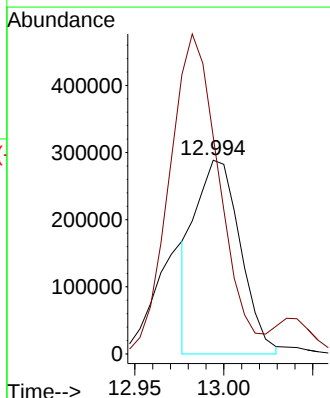
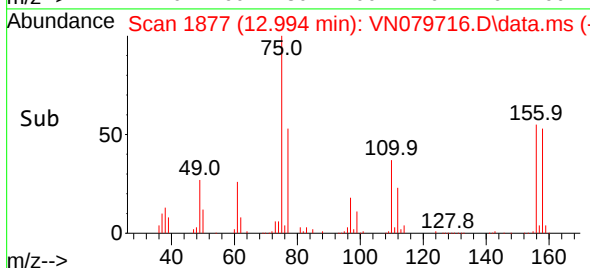
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

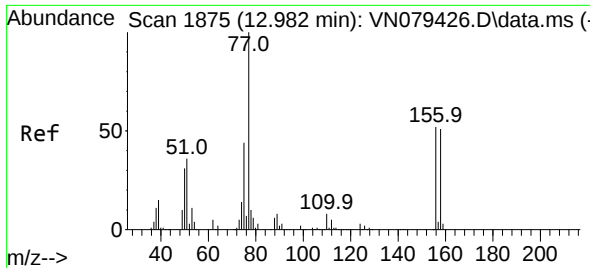


#76
1,2,3-Trichloropropane
Concen: 86.417 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10



Tgt Ion: 75 Resp: 511849
Ion Ratio Lower Upper
75 100
77 183.0 84.5 253.5





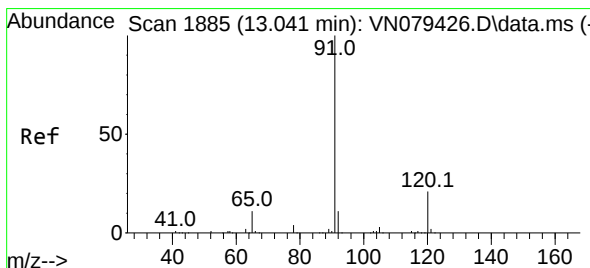
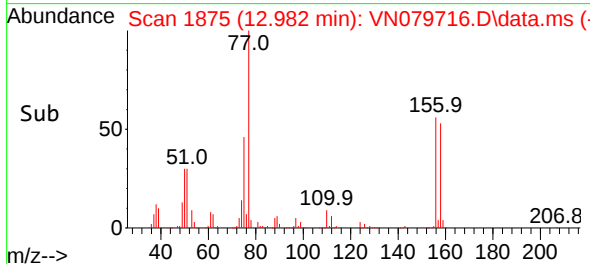
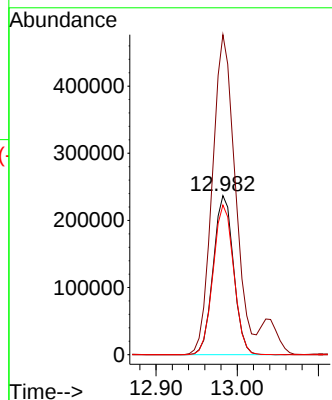
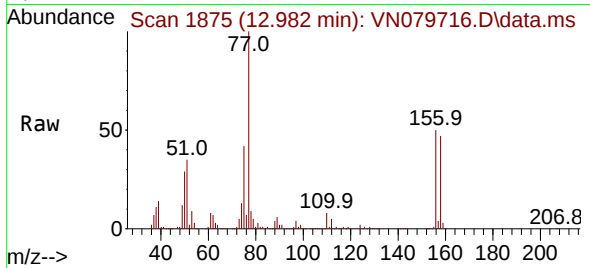
#77
Bromobenzene
Concen: 85.698 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:156 Resp: 411448
Ion Ratio Lower Upper
156 100
77 227.6 107.7 323.3
158 95.6 48.4 145.3

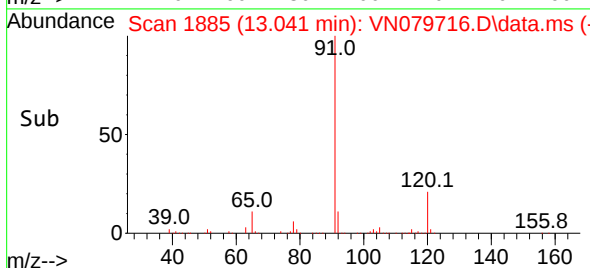
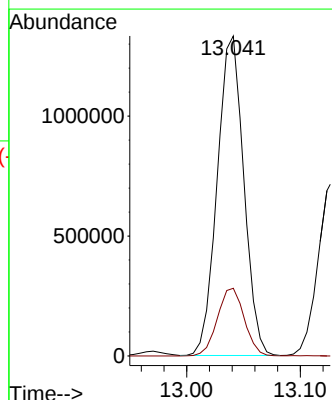
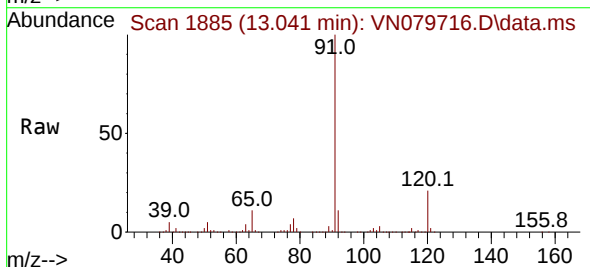
Manual Integrations
APPROVED

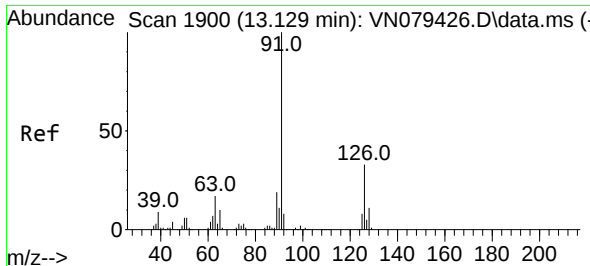
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#78
n-propylbenzene
Concen: 91.983 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Tgt Ion: 91 Resp: 2163233
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4





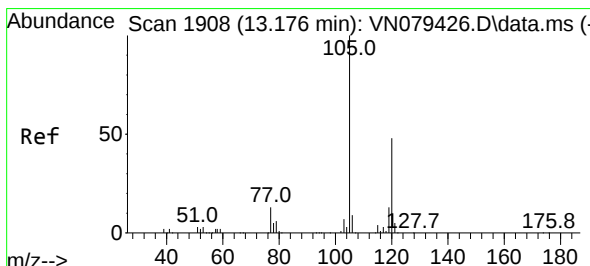
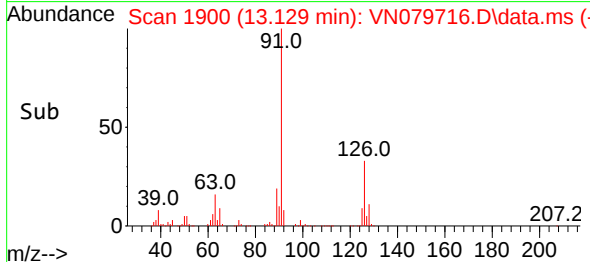
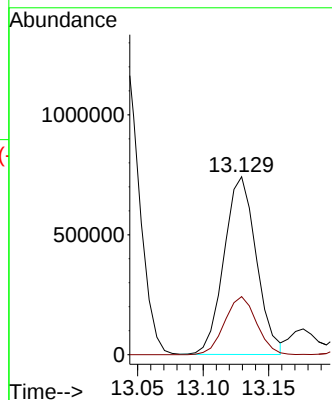
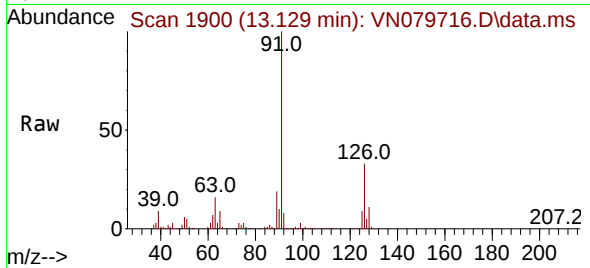
#79
2-Chlorotoluene
Concen: 86.674 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 127062
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8

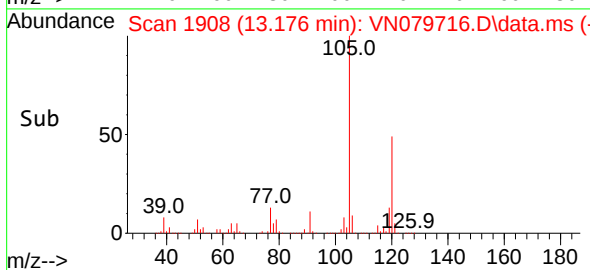
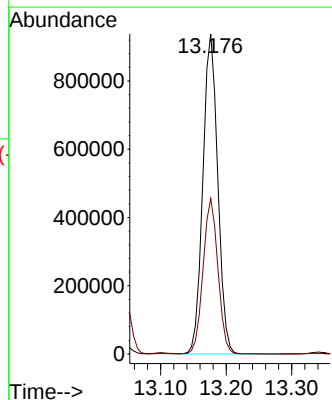
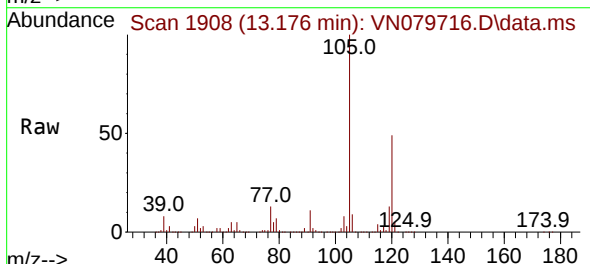
Manual Integrations
APPROVED

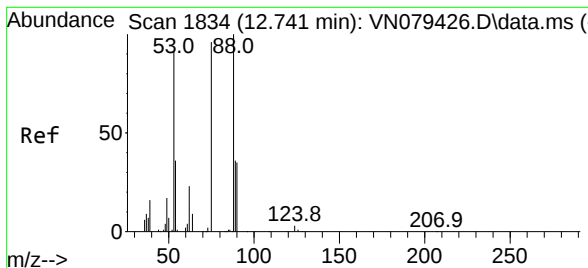
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 89.379 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

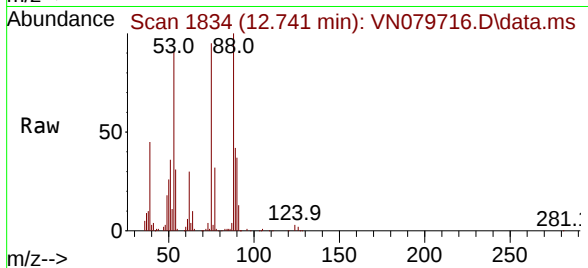
Tgt Ion:105 Resp: 1487421
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 90.443 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

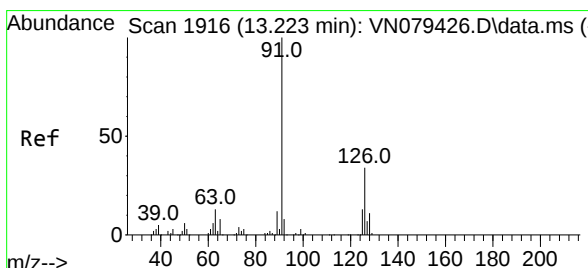
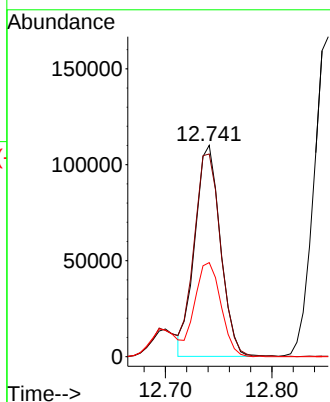
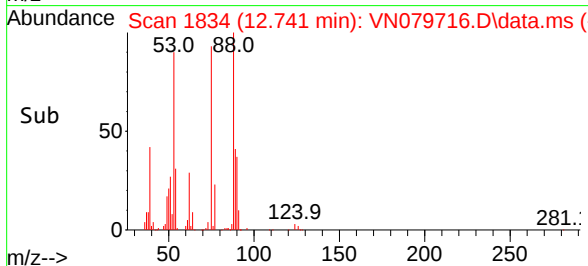
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 18350
Ion Ratio Lower Upper
75 100
53 100.8 67.4 101.2
89 44.7 38.8 58.2

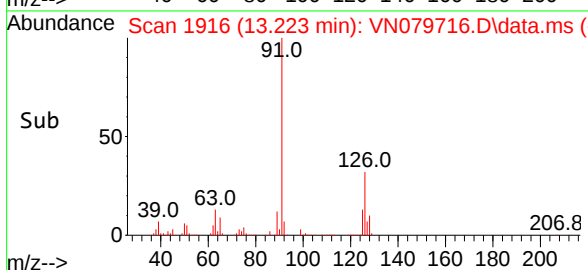
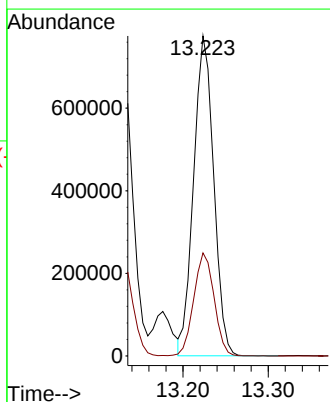
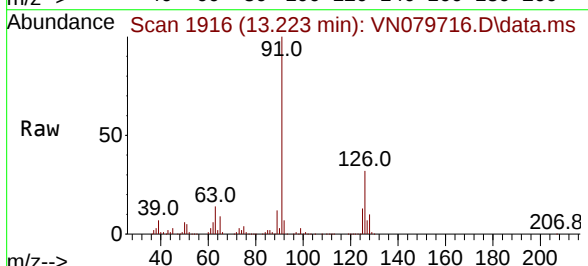
Manual Integrations
APPROVED

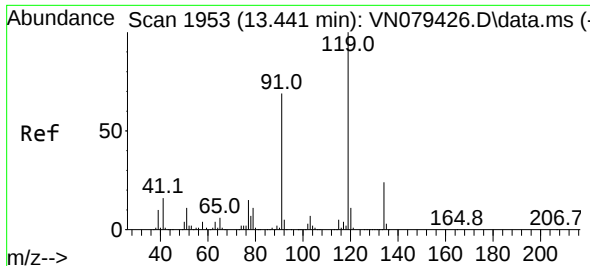
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#82
4-Chlorotoluene
Concen: 89.993 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

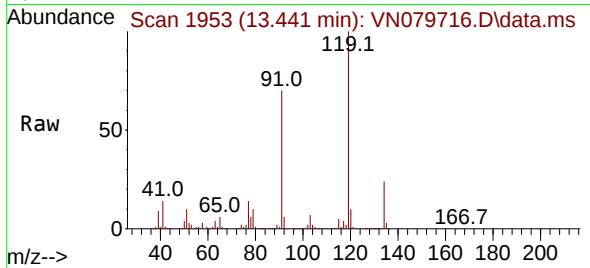
Tgt Ion: 91 Resp: 1267199
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 89.348 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

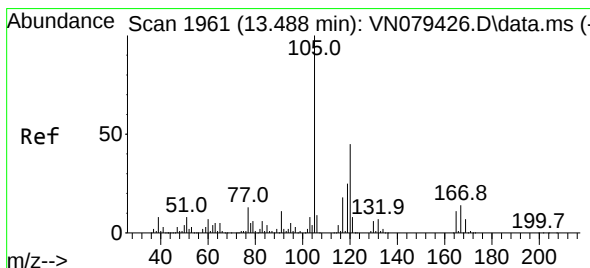
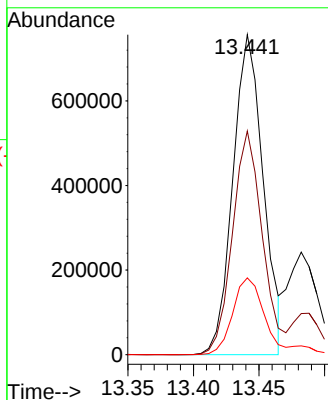
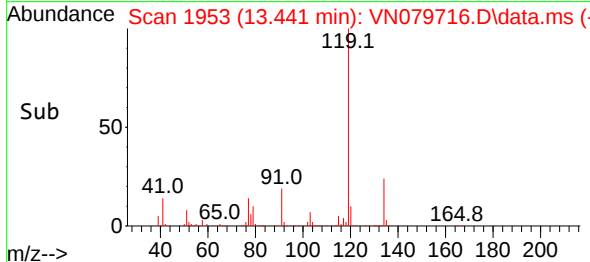
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



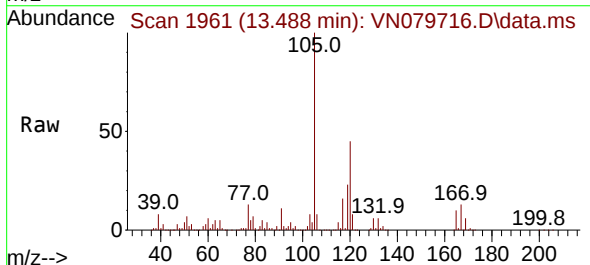
Tgt Ion:119 Resp: 1218604
Ion Ratio Lower Upper
119 100
91 69.3 33.9 101.7
134 26.7 13.2 39.6

Manual Integrations
APPROVED

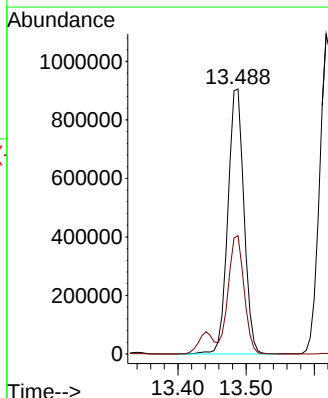
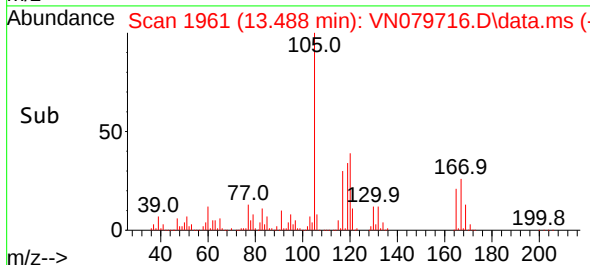
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

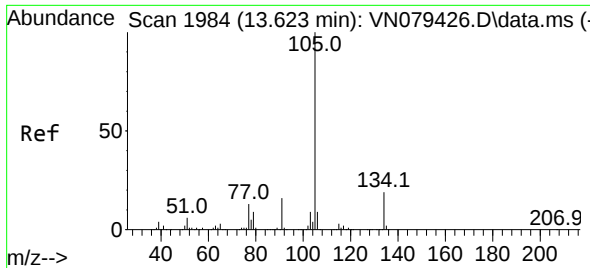


#84
1,2,4-Trimethylbenzene
Concen: 92.572 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10



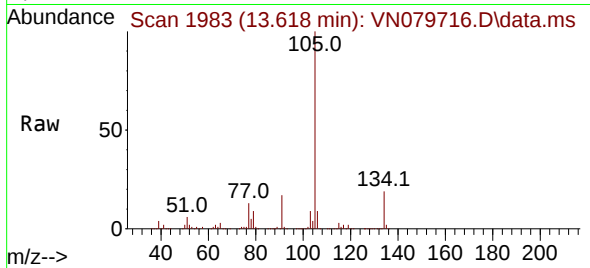
Tgt Ion:105 Resp: 1486233
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 92.063 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079716.D
 Acq: 30 Oct 2023 10:10

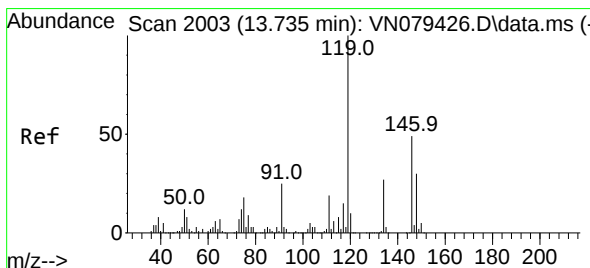
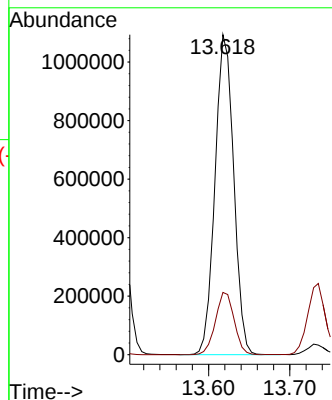
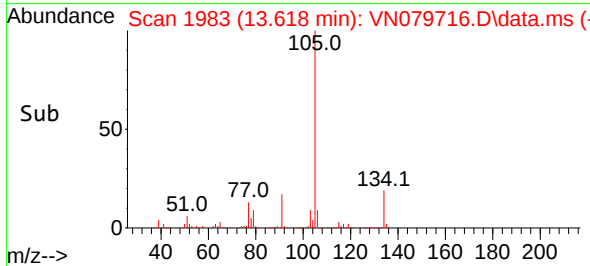
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion:105 Resp: 175141
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

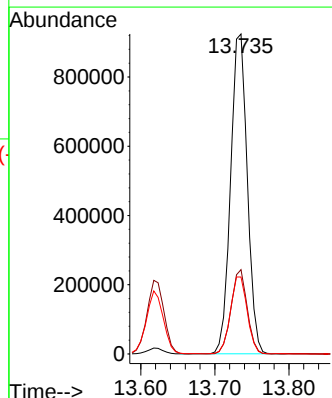
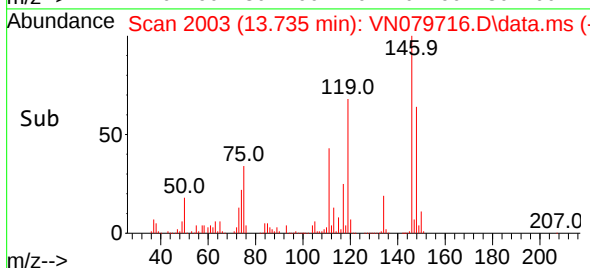
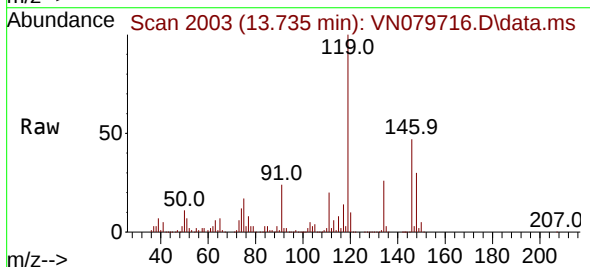
Manual Integrations
 APPROVED

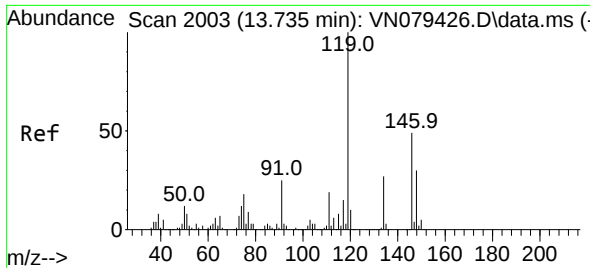
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#86
 p-Isopropyltoluene
 Concen: 95.295 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079716.D
 Acq: 30 Oct 2023 10:10

Tgt Ion:119 Resp: 1443921
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.3 12.4 37.2





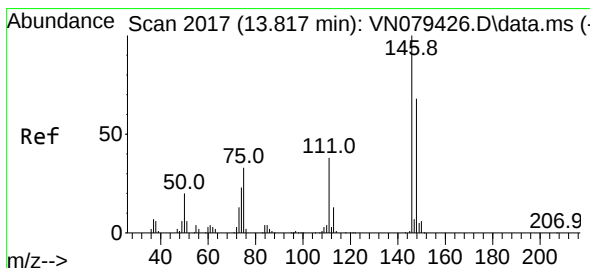
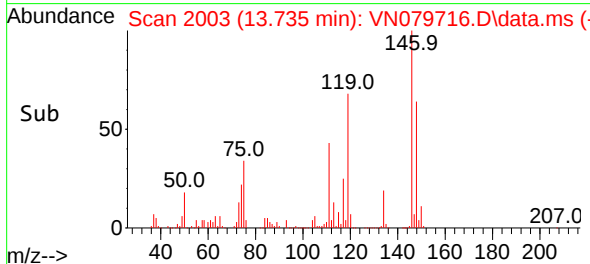
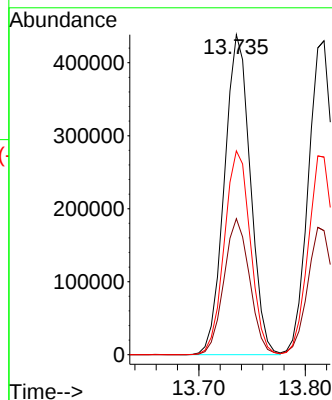
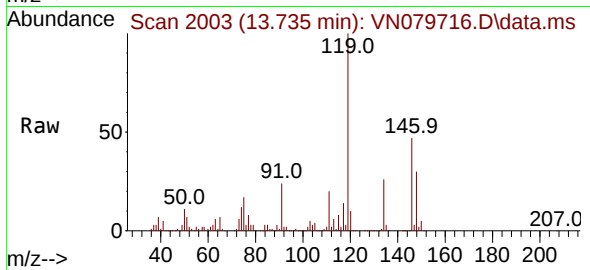
#87
1,3-Dichlorobenzene
Concen: 91.175 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 740550
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 63.8 32.0 96.0

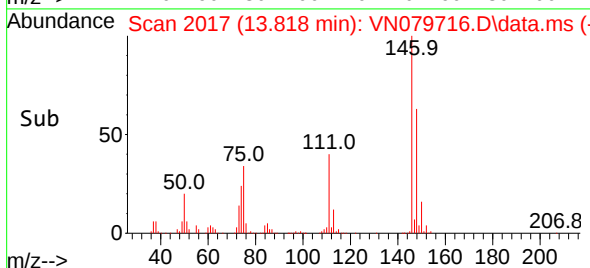
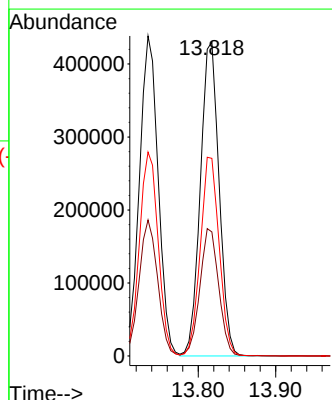
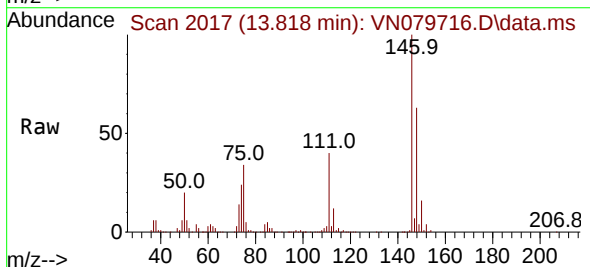
Manual Integrations
APPROVED

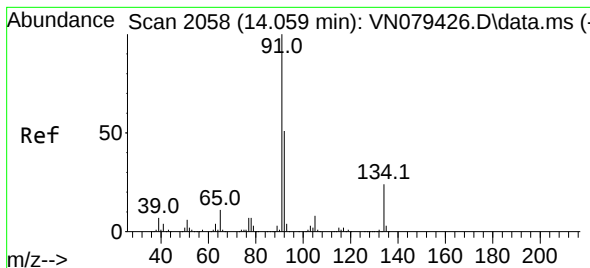
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#88
1,4-Dichlorobenzene
Concen: 89.244 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Tgt Ion:146 Resp: 722116
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 101.791 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079716.D

Acq: 30 Oct 2023 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 122539

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.0

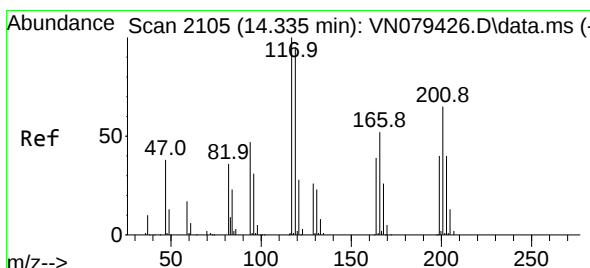
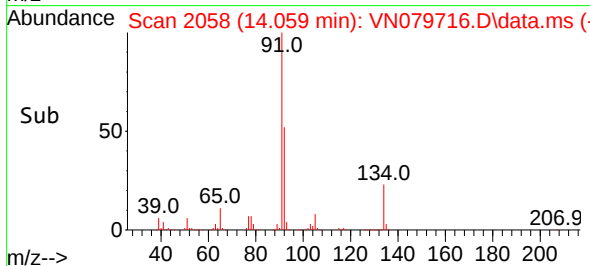
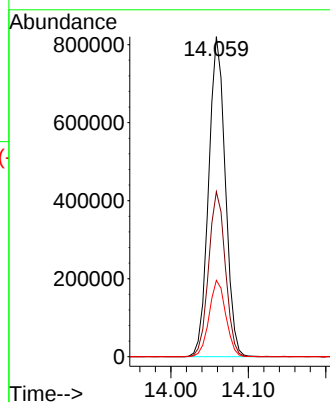
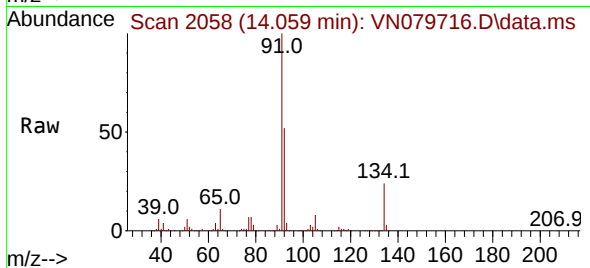
134 23.9 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#90

Hexachloroethane

Concen: 86.706 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079716.D

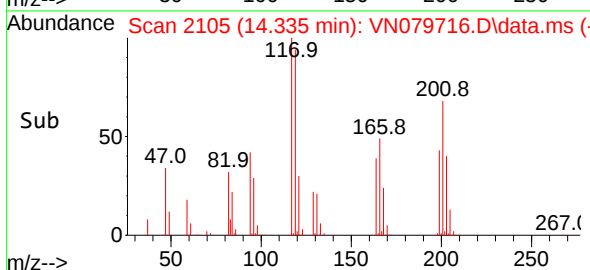
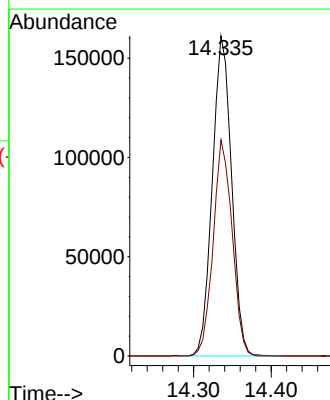
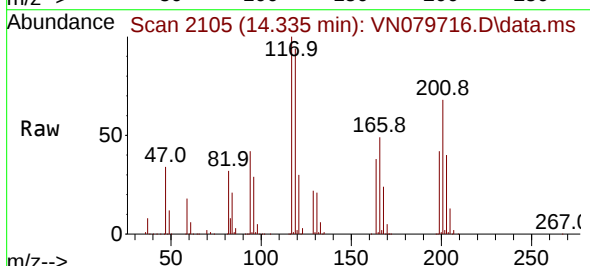
Acq: 30 Oct 2023 10:10

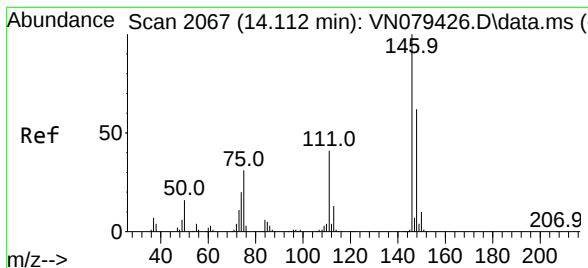
Tgt Ion:117 Resp: 277591

Ion Ratio Lower Upper

117 100

201 66.7 29.3 88.0





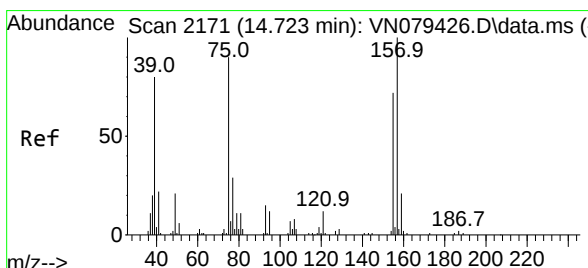
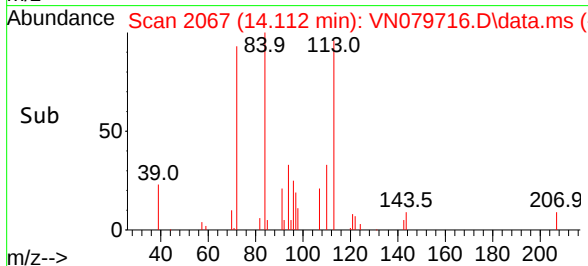
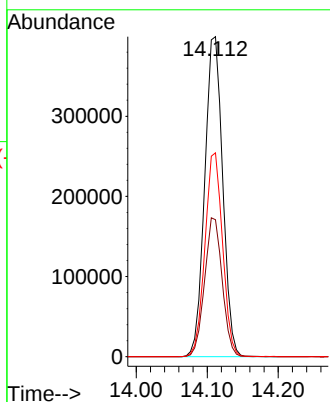
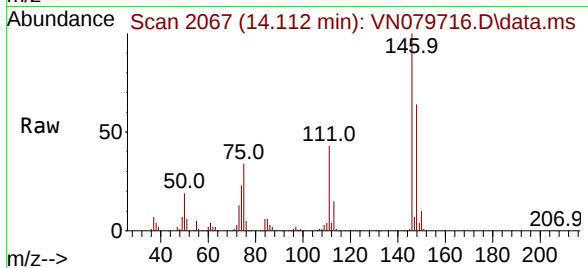
#91
1,2-Dichlorobenzene
Concen: 88.876 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 70212
Ion Ratio Lower Upper
146 100
111 42.6 22.0 66.0
148 62.6 31.8 95.3

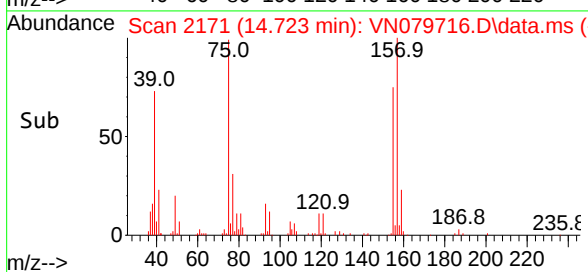
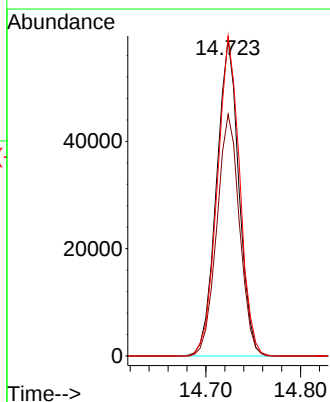
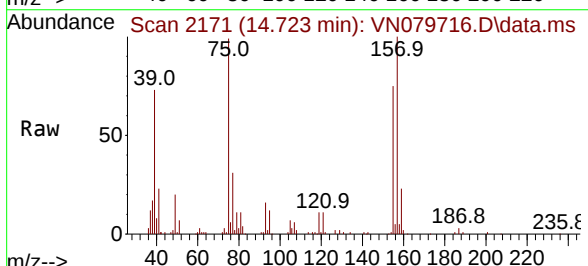
Manual Integrations
APPROVED

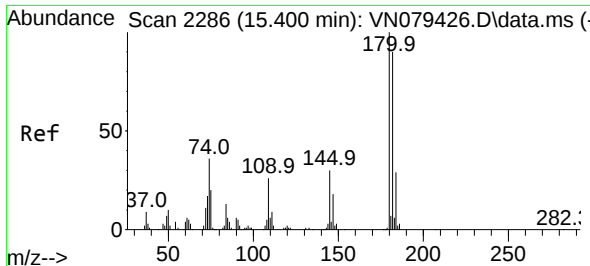
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 86.722 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

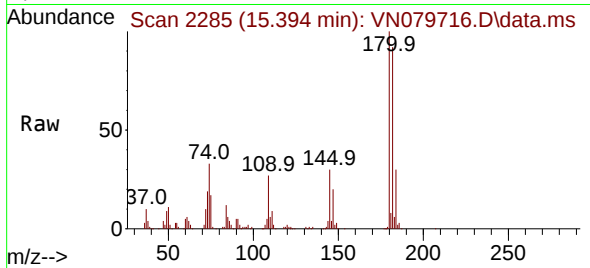
Tgt Ion: 75 Resp: 96667
Ion Ratio Lower Upper
75 100
155 77.4 39.1 117.2
157 101.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 114.396 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

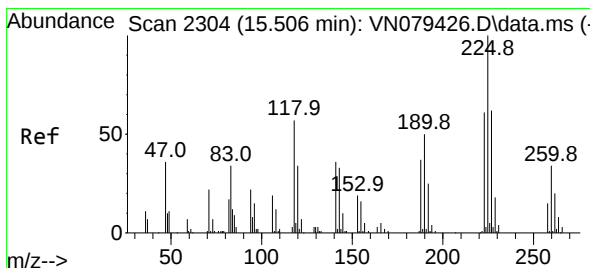
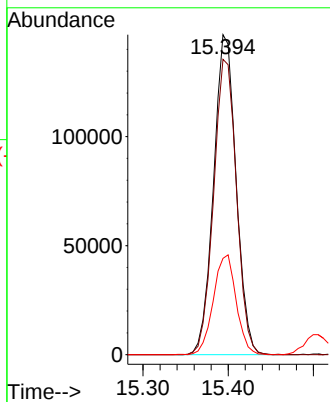
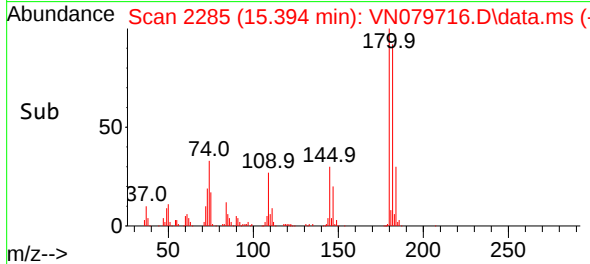
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



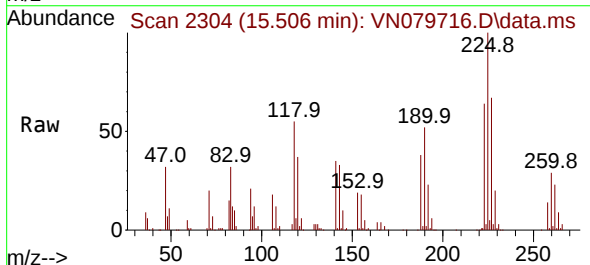
Tgt Ion:180 Resp: 269370
Ion Ratio Lower Upper
180 100
182 93.7 46.1 138.2
145 31.7 16.6 49.8

Manual Integrations
APPROVED

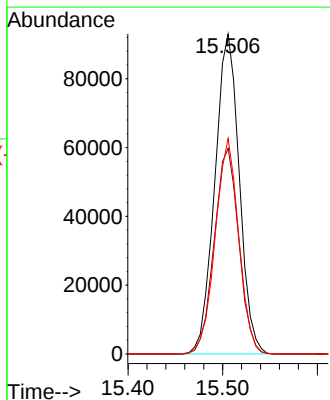
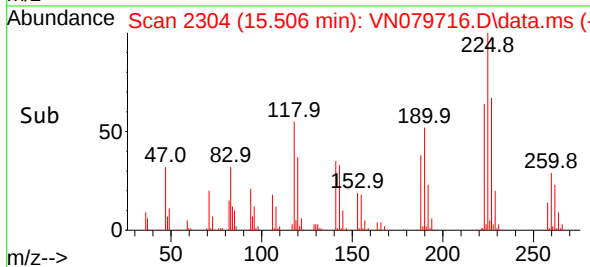
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

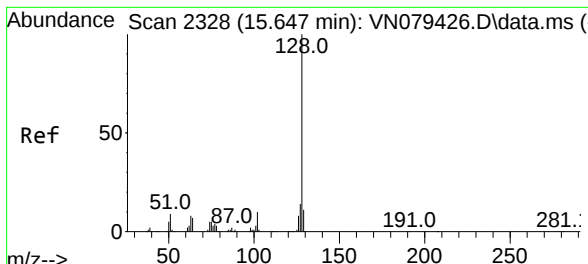


#94
Hexachlorobutadiene
Concen: 79.895 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10



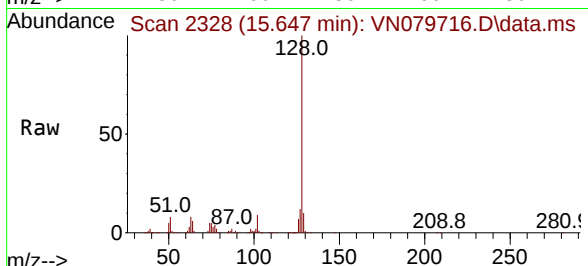
Tgt Ion:225 Resp: 166928
Ion Ratio Lower Upper
225 100
223 64.5 31.3 93.8
227 64.8 31.9 95.9





#95
Naphthalene
Concen: 111.583 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10

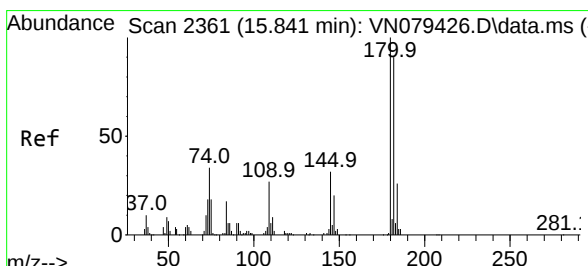
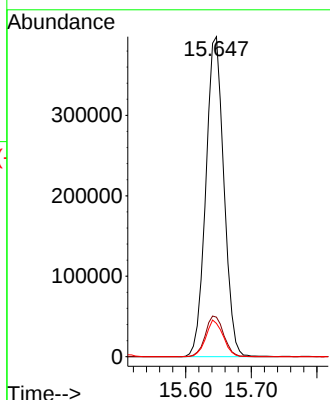
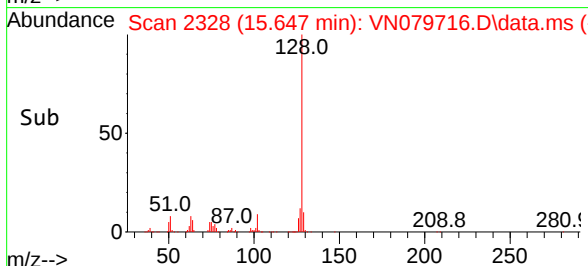
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



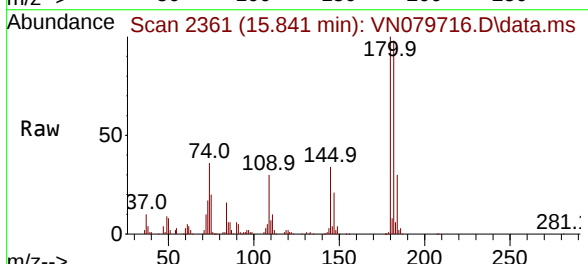
Tgt Ion:128 Resp: 76280
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 103.290 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN079716.D
Acq: 30 Oct 2023 10:10



Tgt Ion:180 Resp: 271602
Ion Ratio Lower Upper
180 100
182 94.4 46.2 138.6
145 32.9 17.5 52.6

