

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078079.D
 Acq On : 06 Jun 2023 20:59
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 07 04:28:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 04:24:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	503871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	906989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	794959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	319269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	677574	100.857	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 201.720%#			
35) Dibromofluoromethane	8.171	113	578752	100.920	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 201.840%#			
50) Toluene-d8	10.571	98	2236499	101.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 202.320%#			
62) 4-Bromofluorobenzene	12.853	95	729170	106.094	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 212.180%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	500325	87.842	ug/l	99
3) Chloromethane	2.371	50	518479	98.531	ug/l	98
4) Vinyl Chloride	2.518	62	669300	89.739	ug/l	99
5) Bromomethane	2.936	94	498391	88.422	ug/l	99
6) Chloroethane	3.112	64	463890	91.240	ug/l	100
7) Trichlorofluoromethane	3.501	101	925454	91.502	ug/l	95
8) Diethyl Ether	3.965	74	326033	91.744	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	499637	93.606	ug/l	97
10) Methyl Iodide	4.595	142	743076	98.440	ug/l	98
11) Tert butyl alcohol	5.536	59	427506	460.855	ug/l	99
12) 1,1-Dichloroethene	4.348	96	507368	101.324	ug/l	89
13) Acrolein	4.189	56	463688	453.540	ug/l	97
14) Allyl chloride	5.036	41	631566	94.030	ug/l	94
15) Acrylonitrile	5.724	53	1162996	486.286	ug/l	99
16) Acetone	4.436	43	878509	454.308	ug/l	97
17) Carbon Disulfide	4.718	76	1312429	92.670	ug/l	99
18) Methyl Acetate	5.030	43	816856	91.752	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	1708236	97.305	ug/l	99
20) Methylene Chloride	5.283	84	573924	89.815	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	557969	94.020	ug/l	83
22) Diisopropyl ether	6.683	45	1539238	97.426	ug/l	97
23) Vinyl Acetate	6.612	43	4728437	503.472	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	1005479	96.474	ug/l	98
25) 2-Butanone	7.488	43	1440075	484.277	ug/l	89
26) 2,2-Dichloropropane	7.500	77	783905	101.865	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	662215	93.549	ug/l	96
28) Bromochloromethane	7.824	49	488476	102.078	ug/l	94
29) Tetrahydrofuran	7.841	42	958260	482.044	ug/l	87
30) Chloroform	7.971	83	1083230	96.519	ug/l	95
31) Cyclohexane	8.265	56	795390	92.295	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	978435	99.304	ug/l	98
36) 1,1-Dichloropropene	8.383	75	807455	98.161	ug/l	98
37) Ethyl Acetate	7.565	43	614910	95.690	ug/l	95
38) Carbon Tetrachloride	8.371	117	860582	99.080	ug/l	99
39) Methylcyclohexane	9.606	83	839841	98.518	ug/l	92
40) Benzene	8.612	78	2382020	96.997	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	331785	95.255	ug/l	93
42) 1,2-Dichloroethane	8.677	62	797002	94.655	ug/l	98
43) Isopropyl Acetate	8.694	43	1109083	90.246	ug/l	95
44) Trichloroethene	9.359	130	624730	96.329	ug/l	100
45) 1,2-Dichloropropane	9.624	63	592923	97.042	ug/l	99
46) Dibromomethane	9.718	93	427716	95.040	ug/l	94
47) Bromodichloromethane	9.894	83	854013	102.159	ug/l	96
48) Methyl methacrylate	9.688	41	522413	101.295	ug/l	88
49) 1,4-Dioxane	9.700	88	204100	1882.902	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	3152335	487.109	ug/l	95
52) Toluene	10.635	92	1512601	97.556	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	908400	104.341	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	990301	102.900	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	589451	100.496	ug/l	98
56) Ethyl methacrylate	10.877	69	883744	103.477	ug/l	94
57) 1,3-Dichloropropane	11.171	76	989901	99.984	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1916196	555.406	ug/l	93
59) 2-Hexanone	11.200	43	2251243	499.603	ug/l	93
60) Dibromochloromethane	11.365	129	660123	102.851	ug/l	100
61) 1,2-Dibromoethane	11.476	107	612029	99.431	ug/l	98
64) Tetrachloroethene	11.106	164	491411	92.659	ug/l	96
65) Chlorobenzene	11.900	112	1637683	96.196	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	619976	99.013	ug/l	98
67) Ethyl Benzene	11.971	91	2890184	98.388	ug/l	100
68) m/p-Xylenes	12.076	106	2223072	198.576	ug/l	100
69) o-Xylene	12.406	106	1096561	99.744	ug/l	99
70) Styrene	12.418	104	1784179	103.087	ug/l	98
71) Bromoform	12.582	173	422944	104.666	ug/l #	99
73) Isopropylbenzene	12.700	105	2681235	88.809	ug/l	99
74) N-amyl acetate	12.500	43	911065	91.638	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	795486	98.155	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	659371m	86.989	ug/l	
77) Bromobenzene	12.988	156	628077	89.617	ug/l	97
78) n-propylbenzene	13.041	91	3018681	92.028	ug/l	99
79) 2-Chlorotoluene	13.129	91	1863677	88.019	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	2158235	88.296	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	248280	101.064	ug/l	88
82) 4-Chlorotoluene	13.229	91	1798907	91.032	ug/l	97
83) tert-Butylbenzene	13.447	119	1873841	88.191	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	2134141	90.055	ug/l	98
85) sec-Butylbenzene	13.623	105	2489560	89.520	ug/l	99
86) p-Isopropyltoluene	13.735	119	2053519	90.993	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	1081019	91.187	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	1048387	91.648	ug/l	99
89) n-Butylbenzene	14.065	91	1612261	90.574	ug/l	98
90) Hexachloroethane	14.341	117	374250	93.446	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	1059632	91.457	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	140607	94.024	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	440004	106.588	ug/l	97
94) Hexachlorobutadiene	15.506	225	194470	98.717	ug/l	99
95) Naphthalene	15.647	128	1518420	109.350	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	455344	98.625	ug/l	97

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

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Manual Integrations

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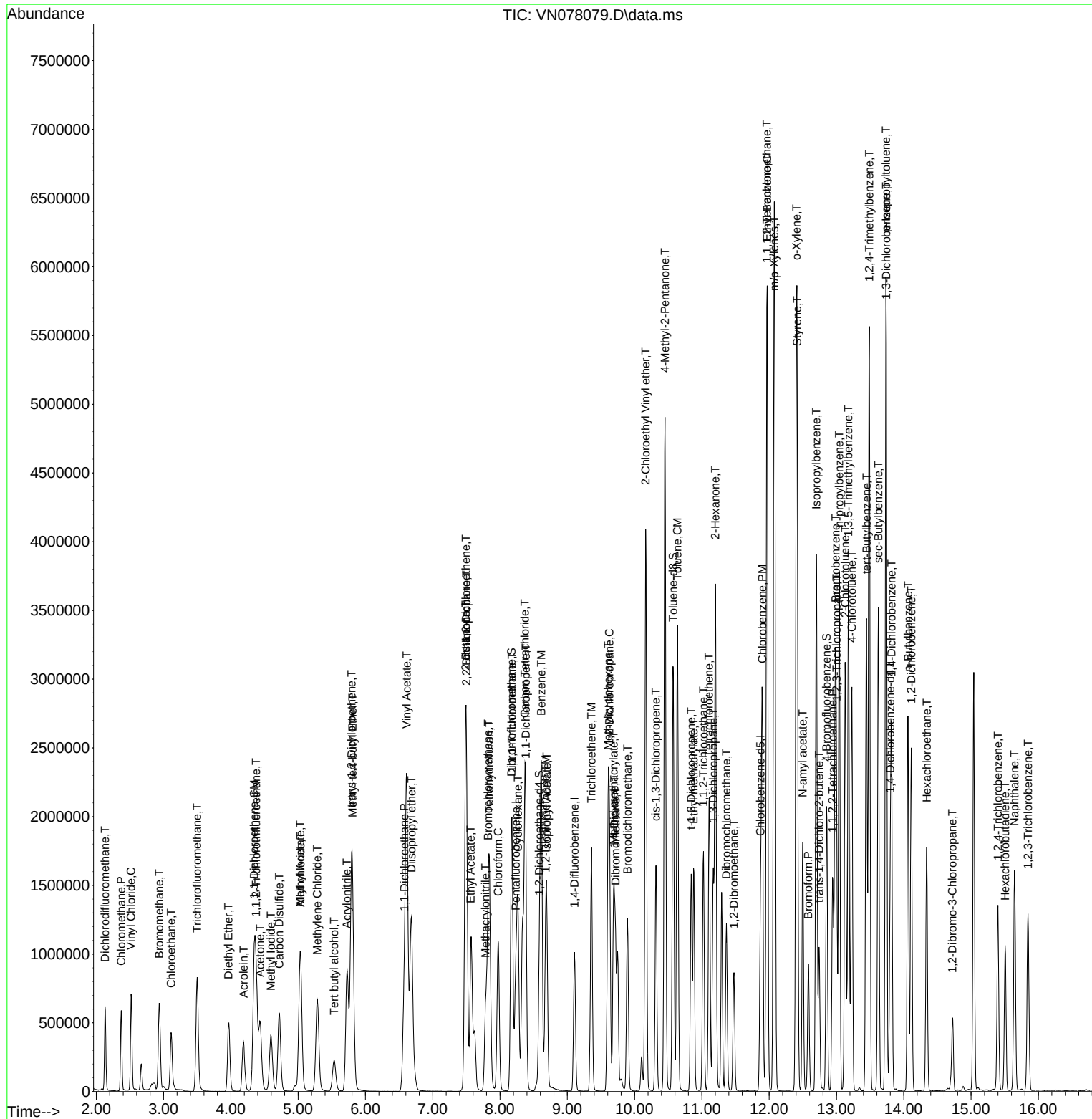
Quant Time: Jun 07 04:28:28 2023

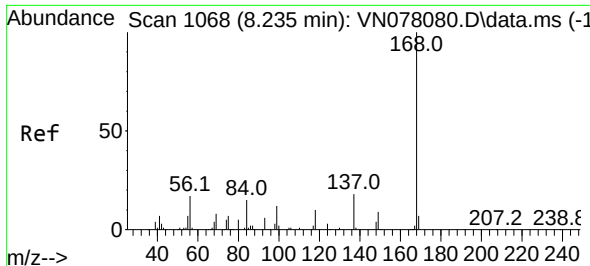
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QLast Update : Wed Jun 07 04:24:57 2023

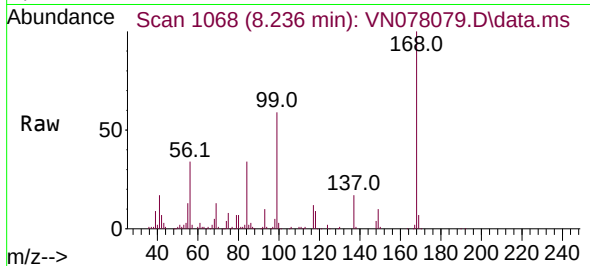
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078079.D
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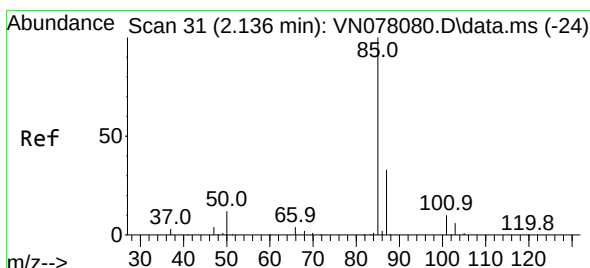
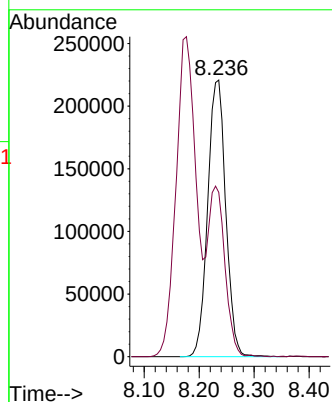
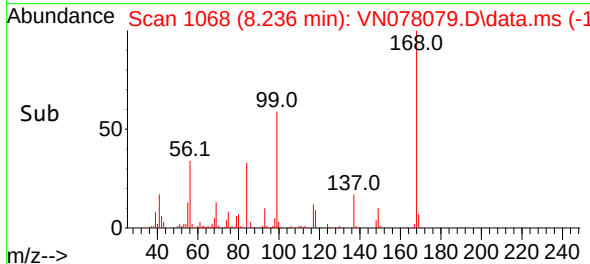
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



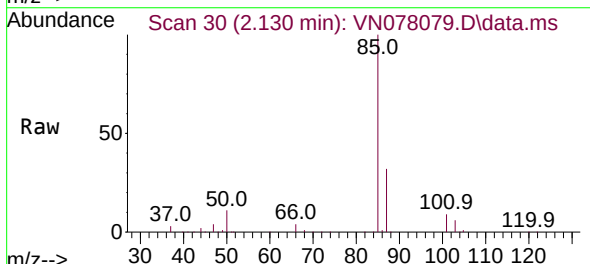
Tgt Ion:168 Resp: 50387
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6

Manual Integrations
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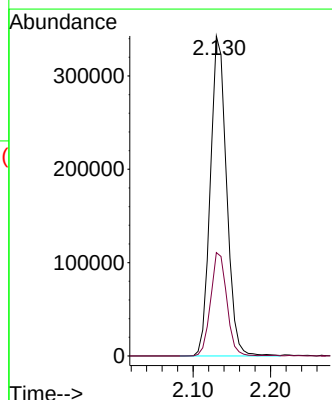
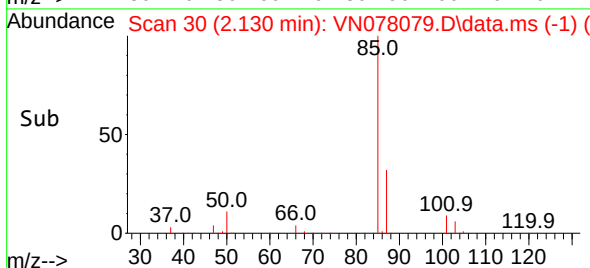
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

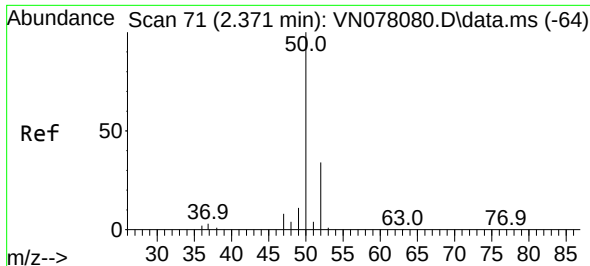


#2
Dichlorodifluoromethane
Concen: 87.842 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN078079.D
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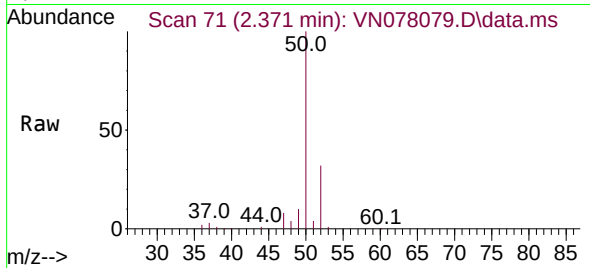
Tgt Ion: 85 Resp: 500325
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4





#3
Chloromethane
Concen: 98.531 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

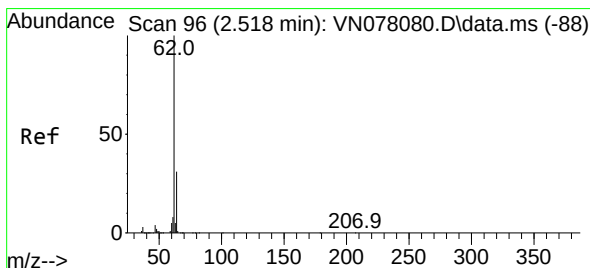
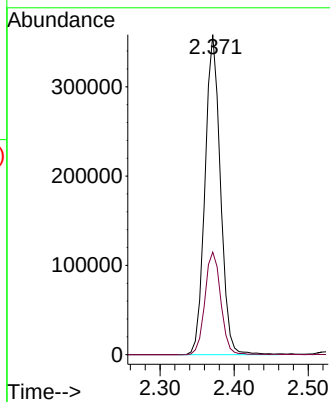
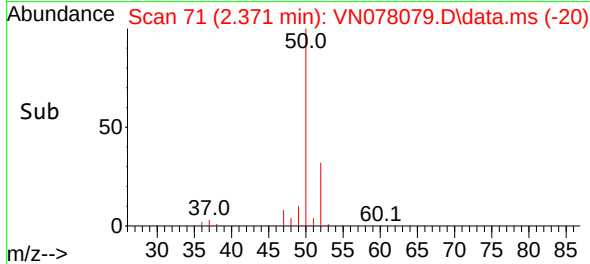
Instrument :
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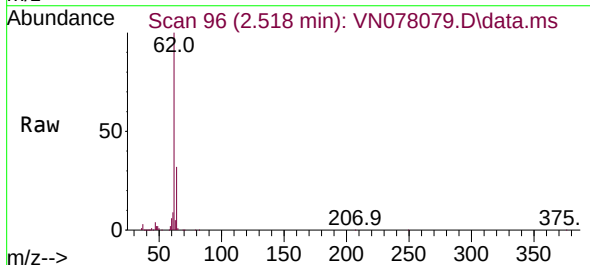
Tgt Ion: 50 Resp: 518479
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7

Manual Integrations
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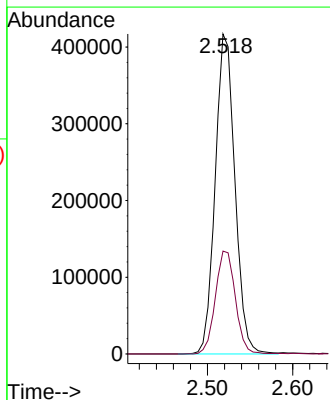
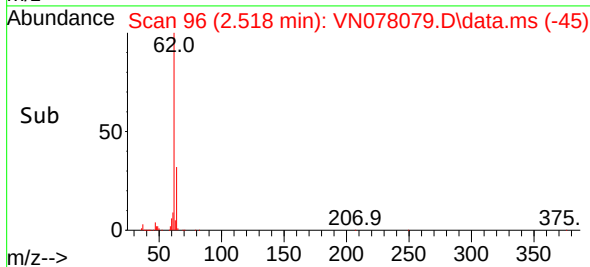
Reviewed By :John Carlone 06/07/2023
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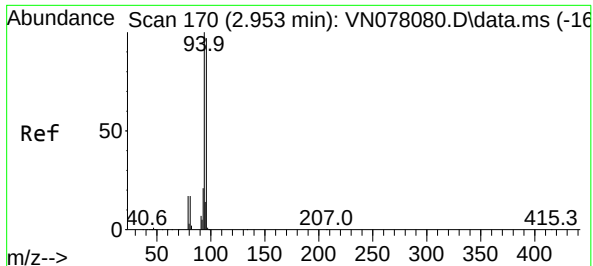


#4
Vinyl Chloride
Concen: 89.739 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59



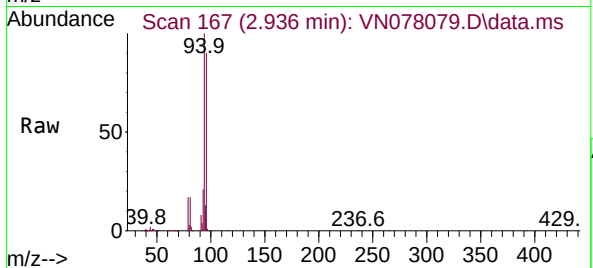
Tgt Ion: 62 Resp: 669300
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2





#5
Bromomethane
Concen: 88.422 ug/l
RT: 2.936 min Scan# 10
Delta R.T. -0.018 min
Lab File: VN078079.D
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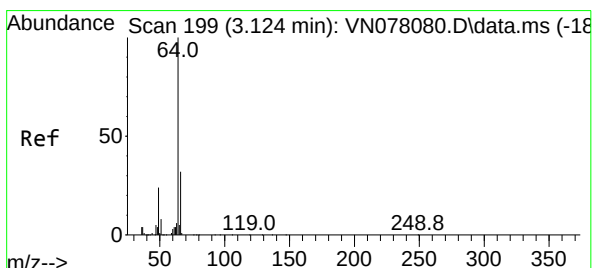
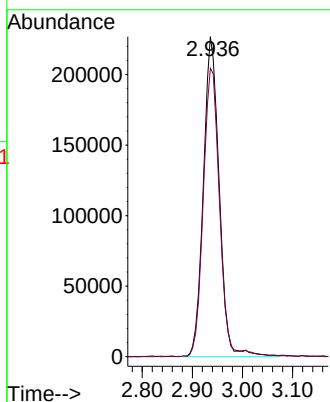
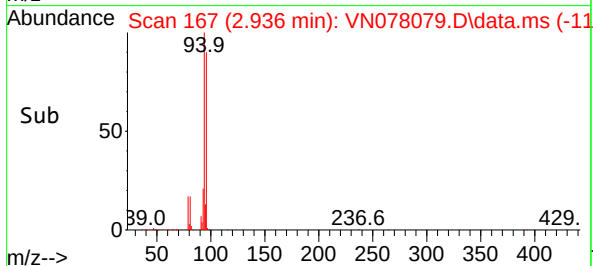
Instrument :
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Tgt Ion: 94 Resp: 49839
Ion Ratio Lower Upper
94 100
96 90.0 73.1 109.7

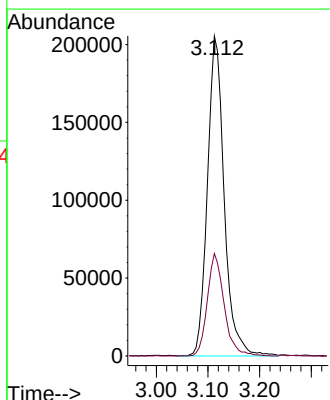
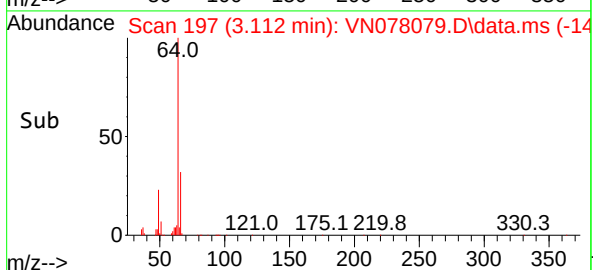
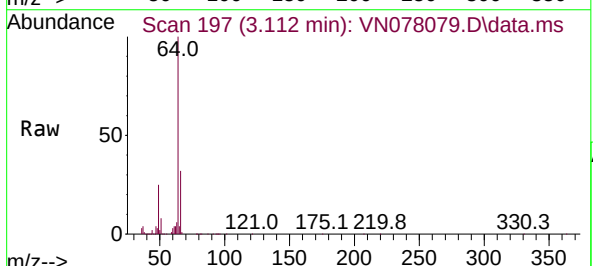
Manual Integrations
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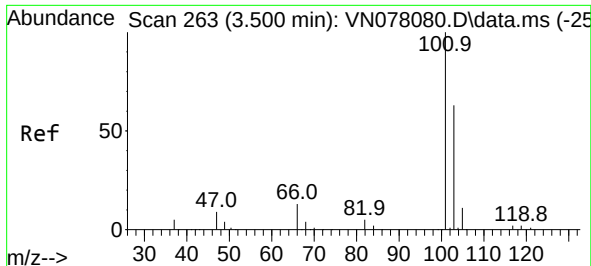
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#6
Chloroethane
Concen: 91.240 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Tgt Ion: 64 Resp: 463890
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.2





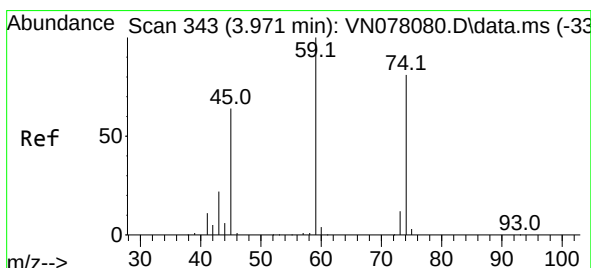
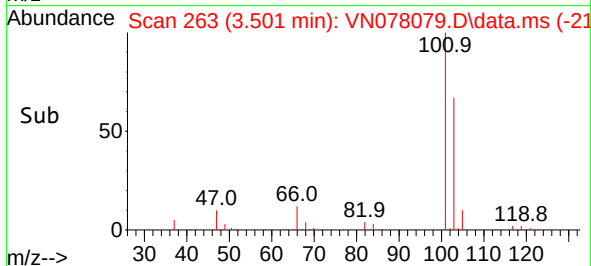
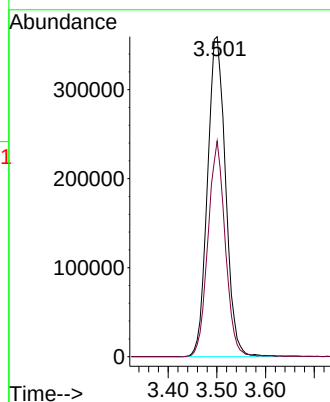
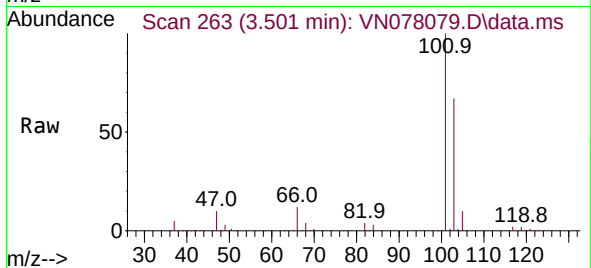
#7
Trichlorofluoromethane
Concen: 91.502 ug/l
RT: 3.501 min Scan# 210
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 925454
Ion Ratio Lower Upper
101 100
103 67.4 50.7 76.1

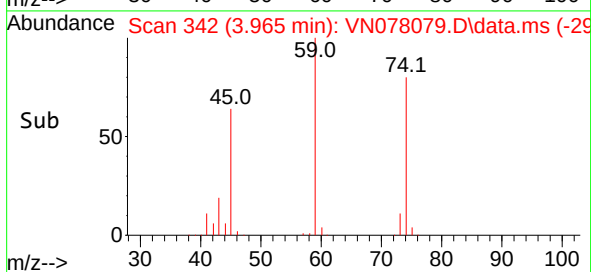
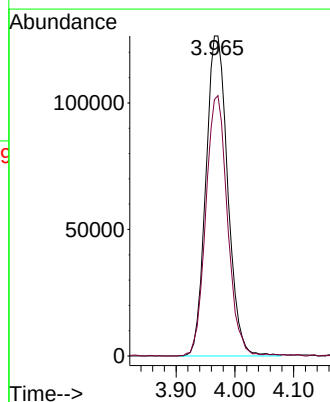
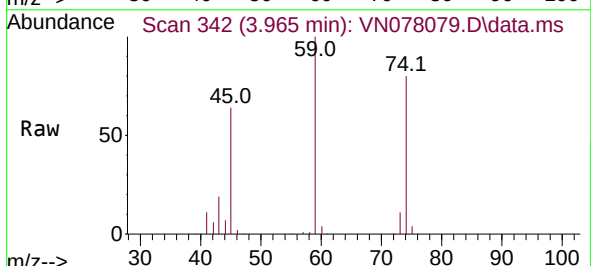
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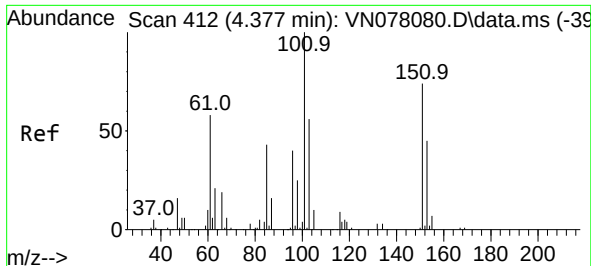
Reviewed By :John Carlone 06/07/2023
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#8
Diethyl Ether
Concen: 91.744 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Tgt Ion: 74 Resp: 326033
Ion Ratio Lower Upper
74 100
45 80.5 34.4 103.3





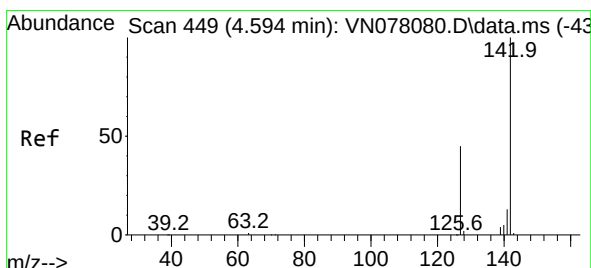
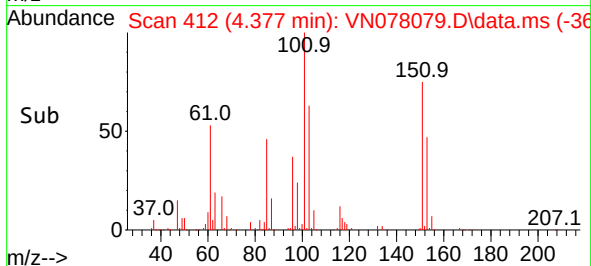
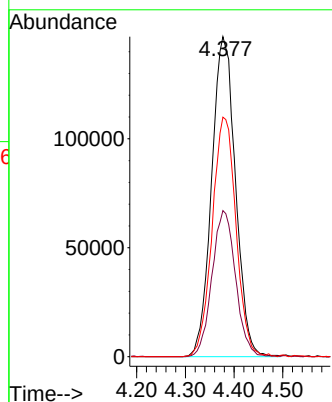
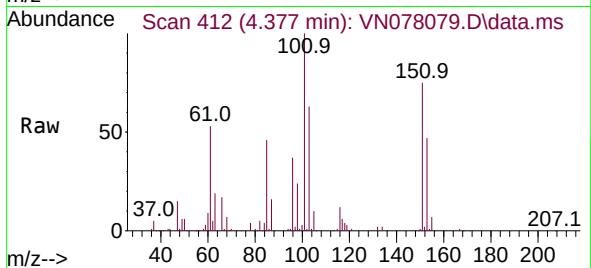
#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.606 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 49963
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 74.8 57.6 86.4

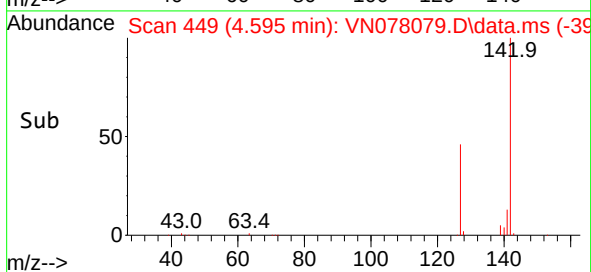
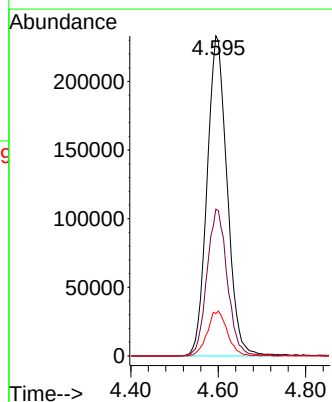
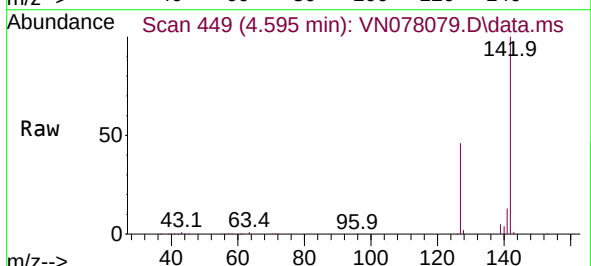
Manual Integrations
APPROVED

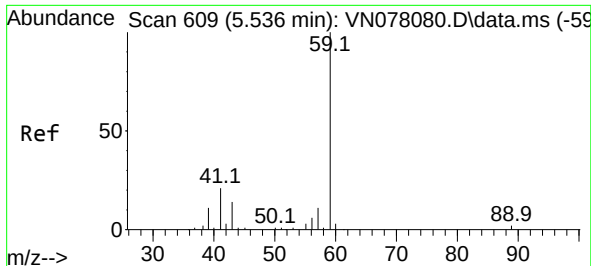
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#10
Methyl Iodide
Concen: 98.440 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

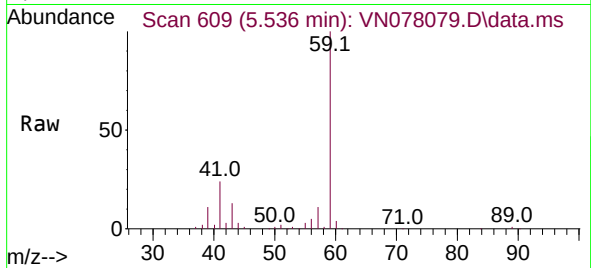
Tgt Ion:142 Resp: 743076
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 13.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 460.855 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

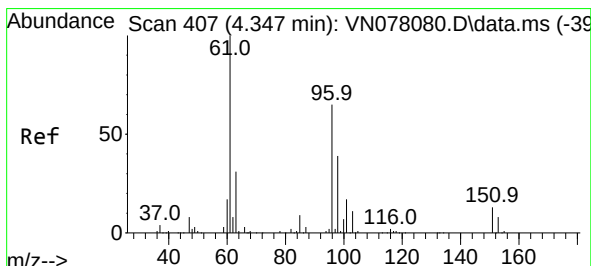
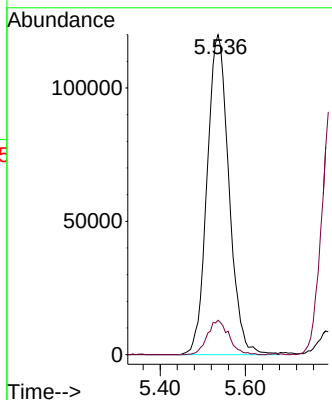
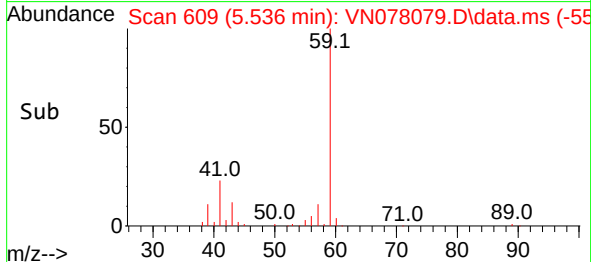
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



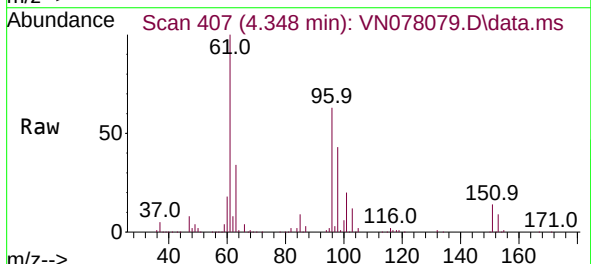
Tgt Ion: 59 Resp: 427500
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
APPROVED

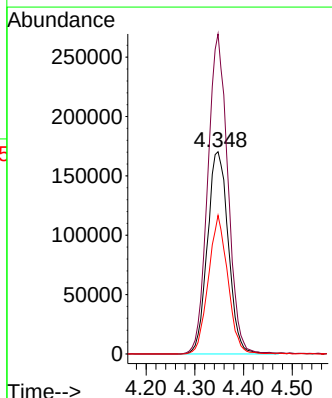
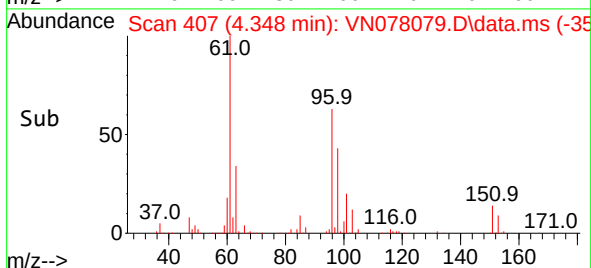
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

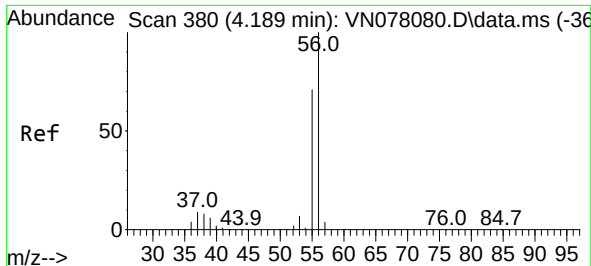


#12
1,1-Dichloroethene
Concen: 101.324 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59



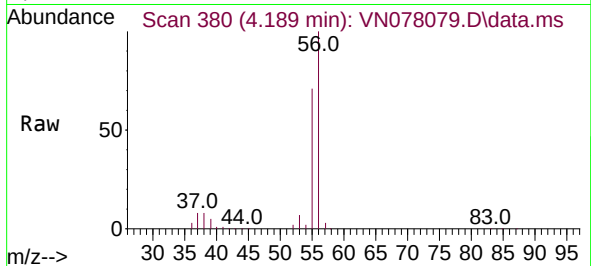
Tgt Ion: 96 Resp: 507368
Ion Ratio Lower Upper
96 100
61 158.2 112.7 169.1
98 68.5 51.2 76.8





#13
Acrolein
Concen: 453.540 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

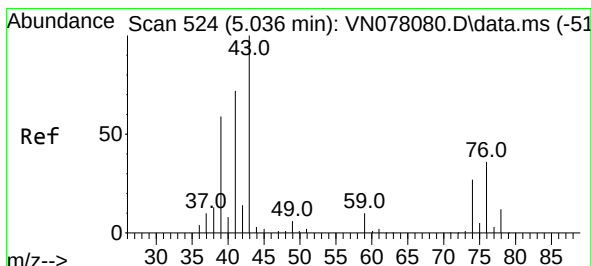
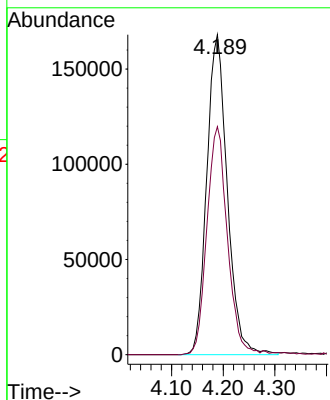
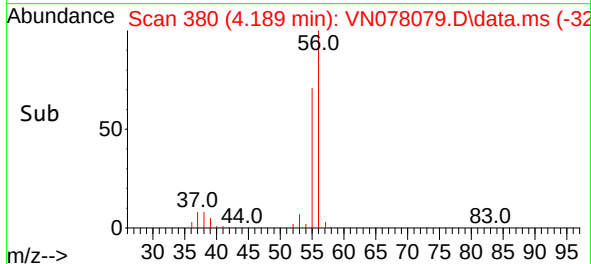
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



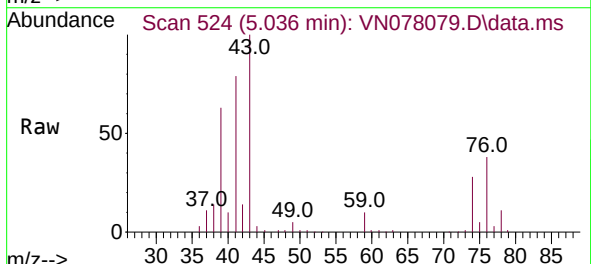
Tgt Ion: 56 Resp: 46368
Ion Ratio Lower Upper
56 100
55 70.8 54.5 81.7

Manual Integrations
APPROVED

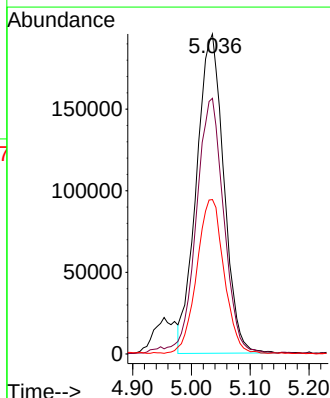
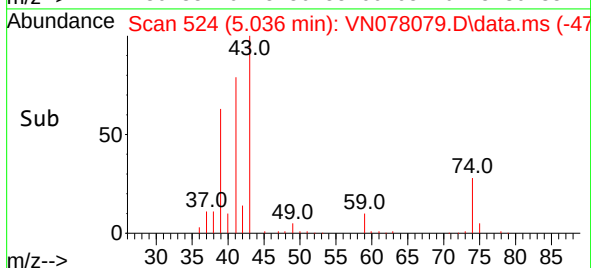
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

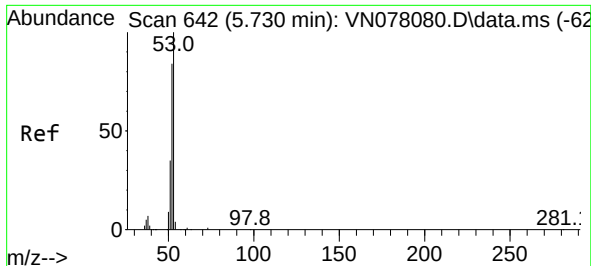


#14
Allyl chloride
Concen: 94.030 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59



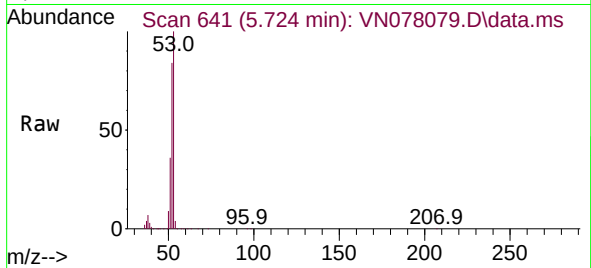
Tgt Ion: 41 Resp: 631566
Ion Ratio Lower Upper
41 100
39 81.5 58.8 88.2
76 47.9 39.1 58.7





#15
Acrylonitrile
Concen: 486.286 ug/l
RT: 5.724 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

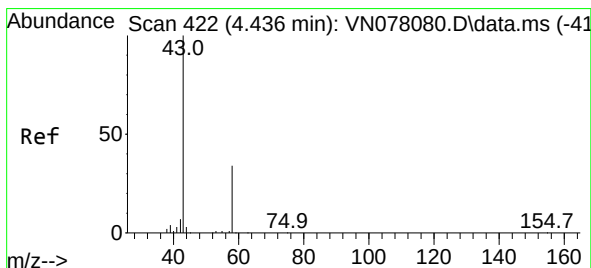
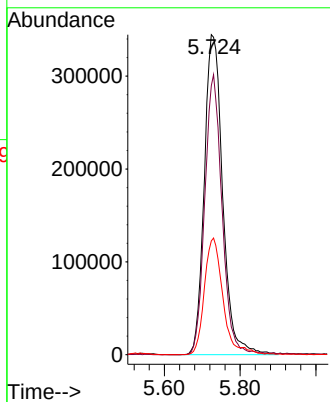
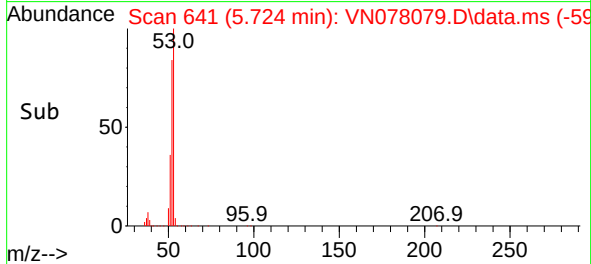
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 1162990
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 36.7 28.9 43.3

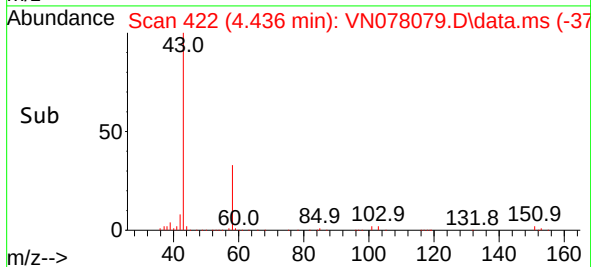
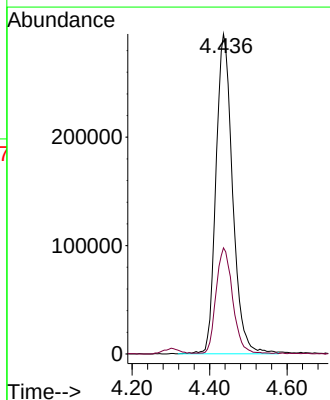
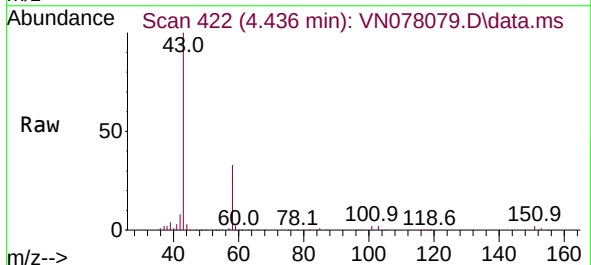
Manual Integrations
APPROVED

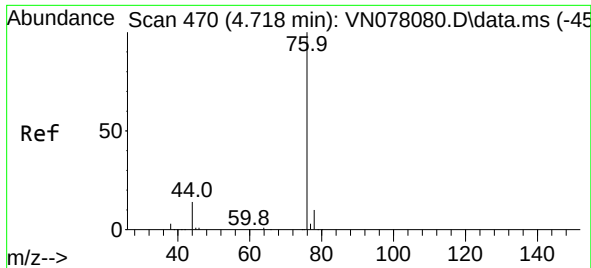
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#16
Acetone
Concen: 454.308 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

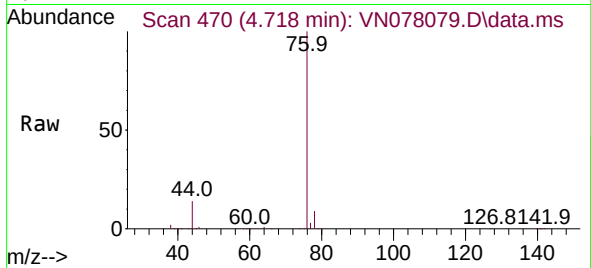
Tgt Ion: 43 Resp: 878509
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0





#17
Carbon Disulfide
Concen: 92.670 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

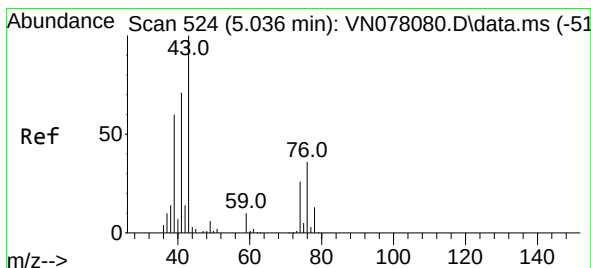
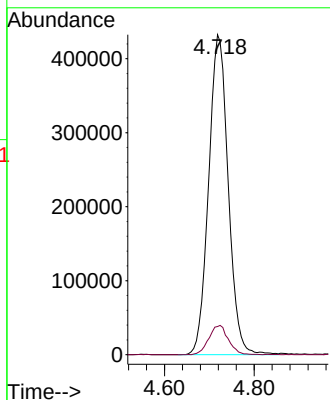
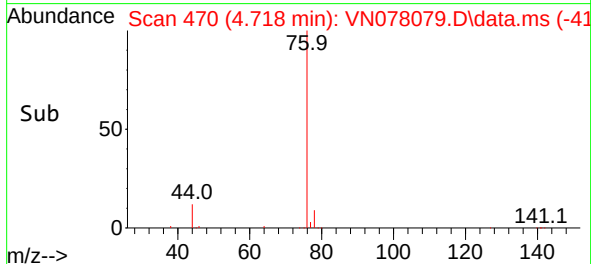
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



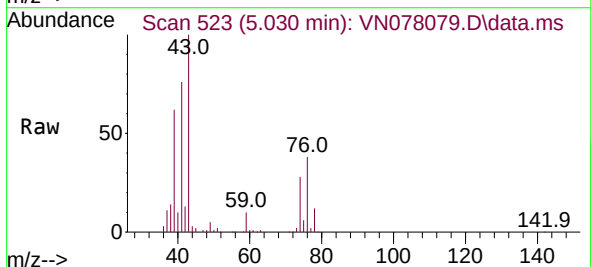
Tgt Ion: 76 Resp: 1312429
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

Manual Integrations
APPROVED

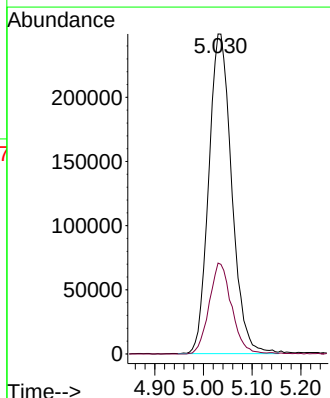
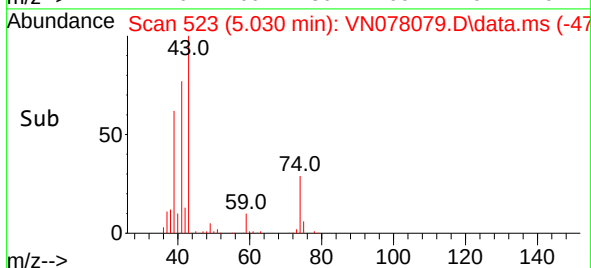
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

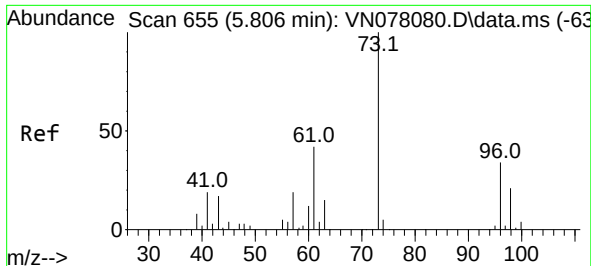


#18
Methyl Acetate
Concen: 91.752 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59



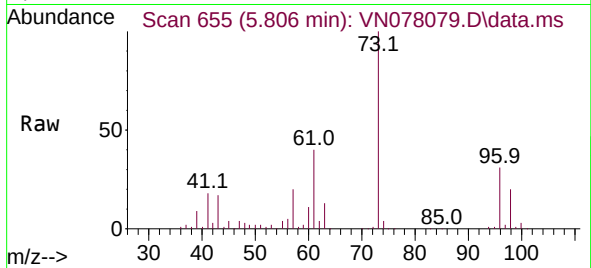
Tgt Ion: 43 Resp: 816856
Ion Ratio Lower Upper
43 100
74 27.7 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 97.305 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

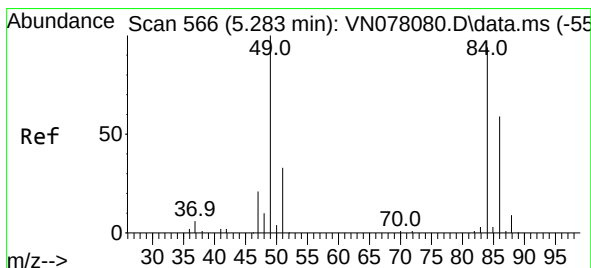
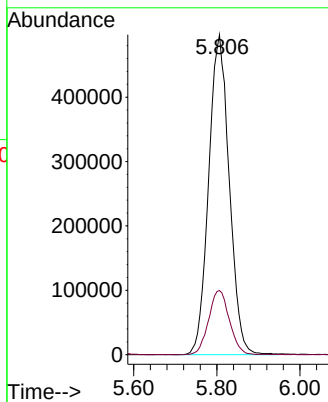
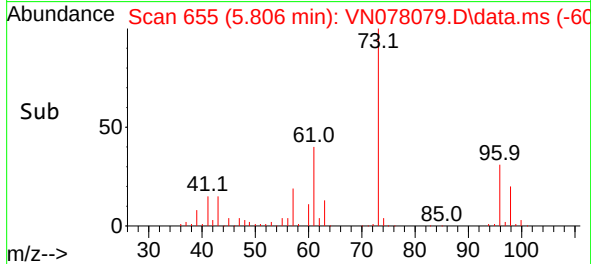
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 73 Resp: 1708230
Ion Ratio Lower Upper
73 100
57 20.0 15.6 23.4

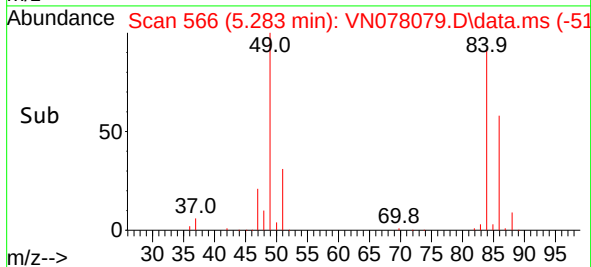
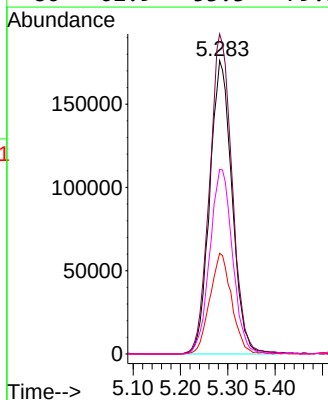
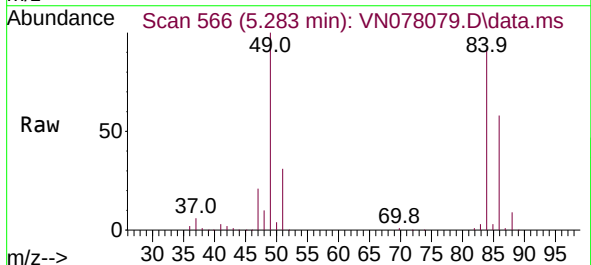
Manual Integrations
APPROVED

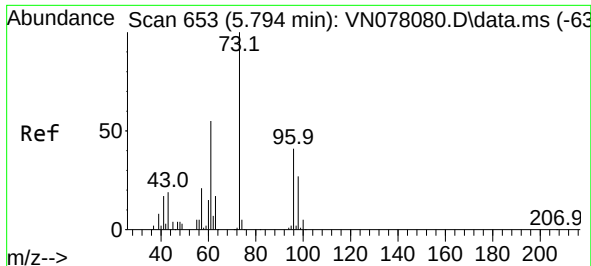
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#20
Methylene Chloride
Concen: 89.815 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

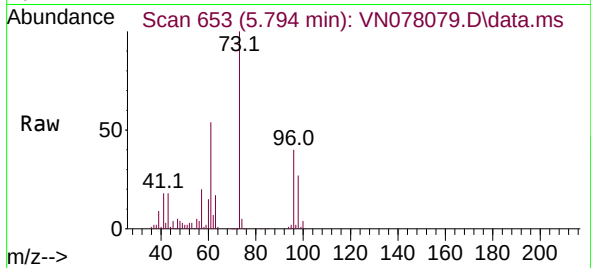
Tgt Ion: 84 Resp: 573924
Ion Ratio Lower Upper
84 100
49 109.1 79.7 119.5
51 34.3 25.2 37.8
86 62.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 94.020 ug/l
RT: 5.794 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

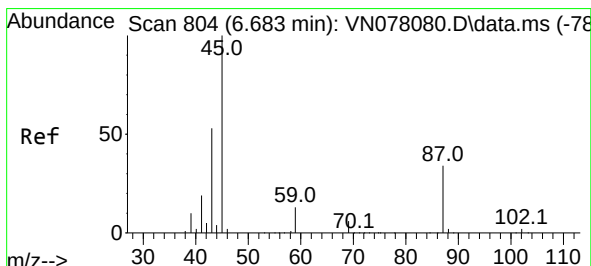
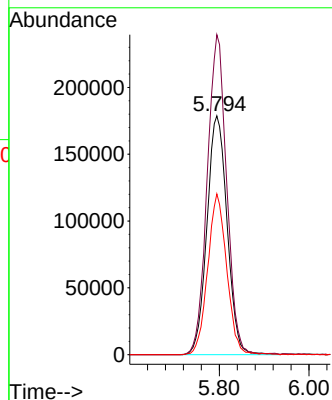
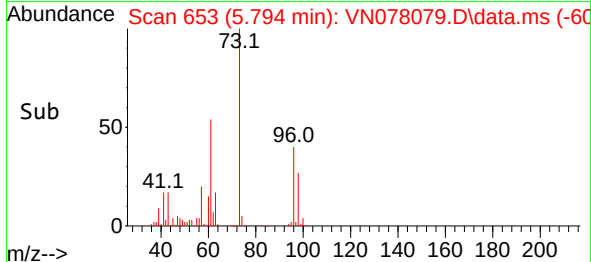
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



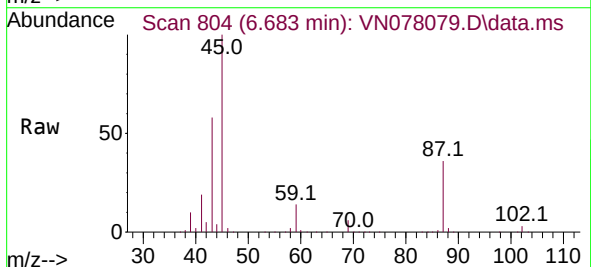
Tgt Ion: 96 Resp: 557969
Ion Ratio Lower Upper
96 100
61 133.9 90.1 135.1
98 67.3 46.4 69.6

Manual Integrations
APPROVED

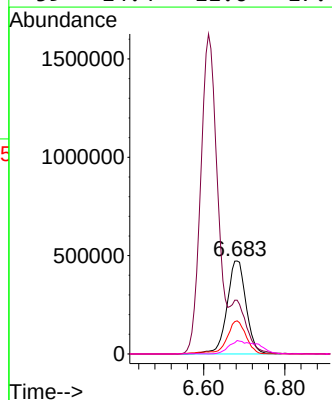
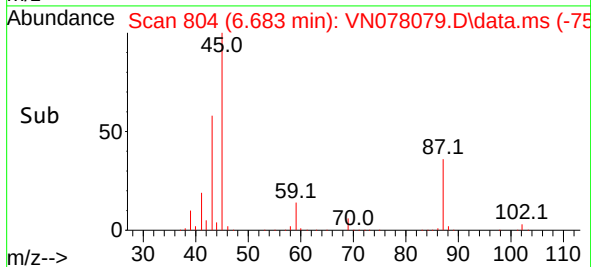
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

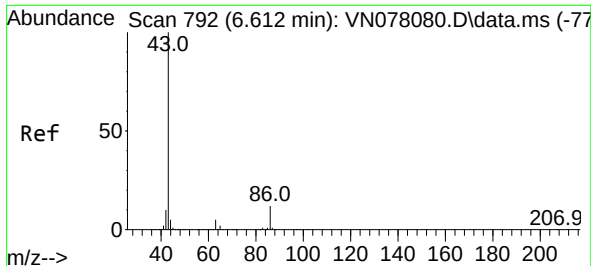


#22
Diisopropyl ether
Concen: 97.426 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59



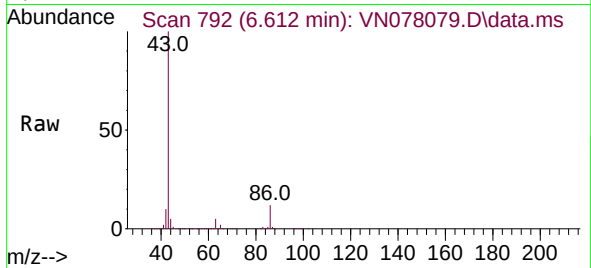
Tgt Ion: 45 Resp: 1539238
Ion Ratio Lower Upper
45 100
43 57.6 45.5 68.3
87 35.5 31.8 47.8
59 14.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 503.472 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078079.D
 Acq: 06 Jun 2023 20:59

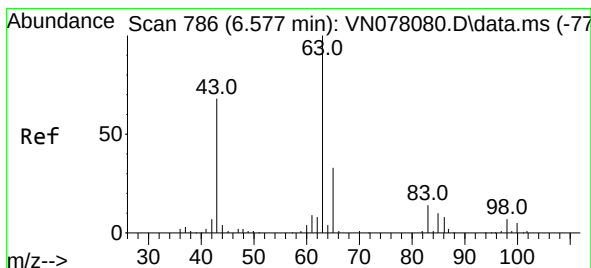
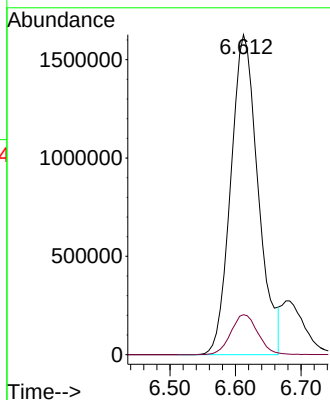
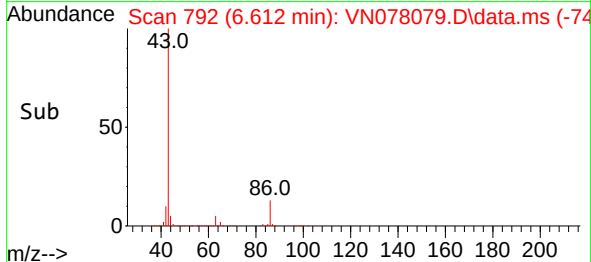
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC100



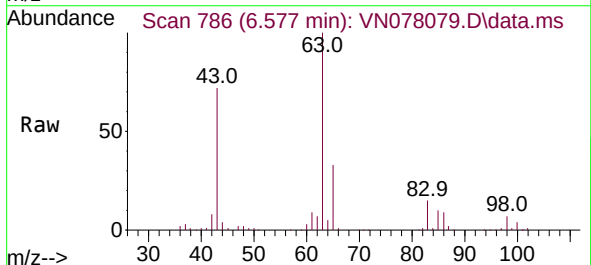
Tgt Ion: 43 Resp: 472843
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

Manual Integrations
 APPROVED

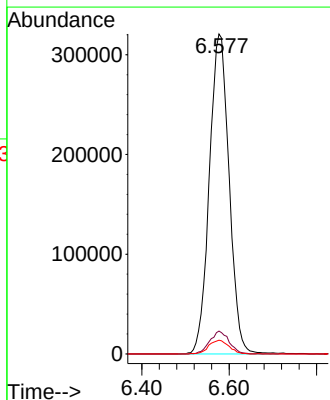
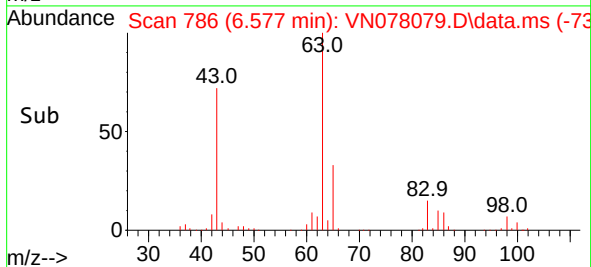
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023

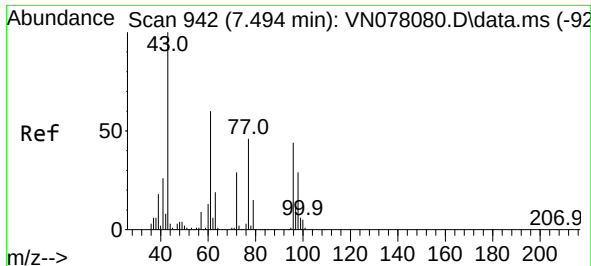


#24
 1,1-Dichloroethane
 Concen: 96.474 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078079.D
 Acq: 06 Jun 2023 20:59



Tgt Ion: 63 Resp: 1005479
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.3 2.5 7.4





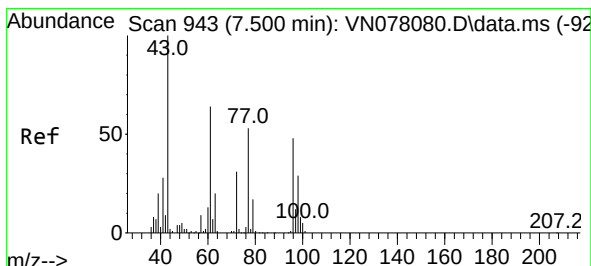
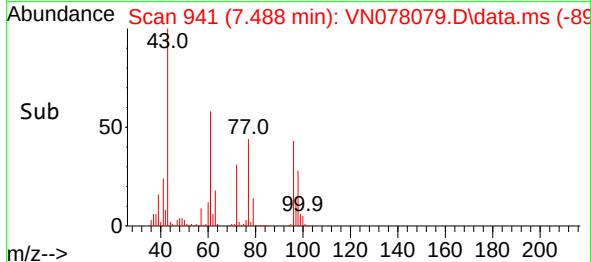
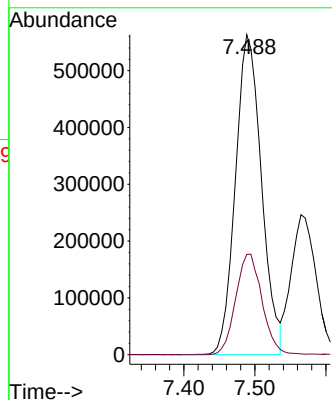
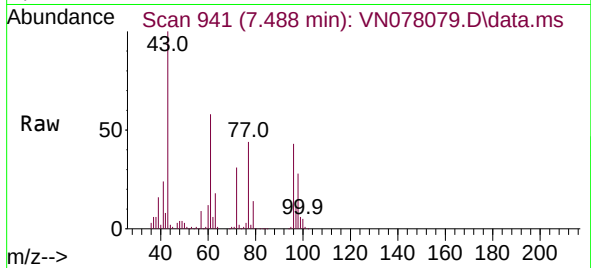
#25
2-Butanone
Concen: 484.277 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 1440075
Ion Ratio Lower Upper
43 100
72 31.4 30.2 45.2

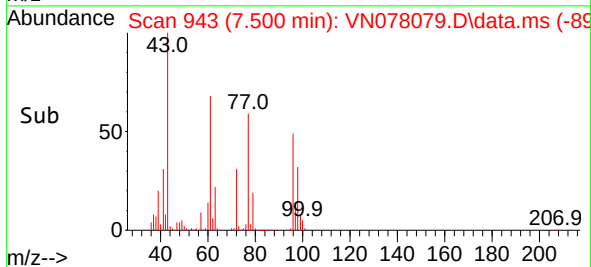
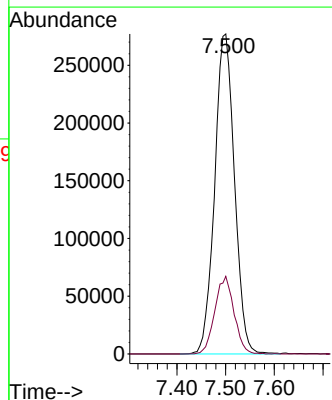
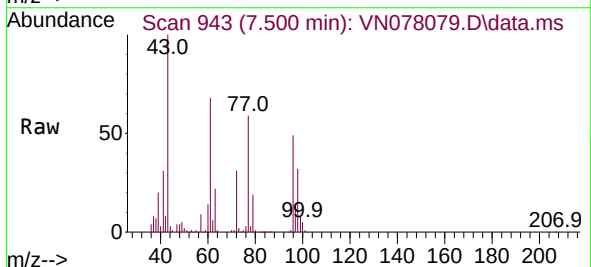
Manual Integrations
APPROVED

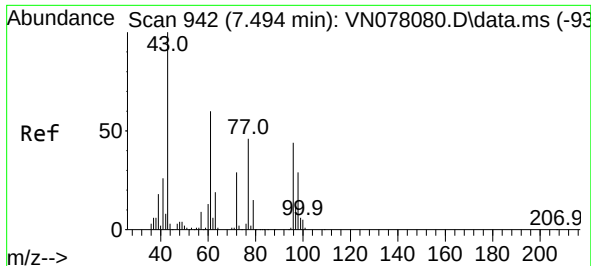
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#26
2,2-Dichloropropane
Concen: 101.865 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

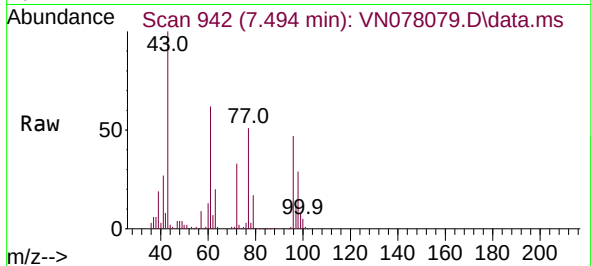
Tgt Ion: 77 Resp: 783905
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 93.549 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078079.D
 Acq: 06 Jun 2023 20:59

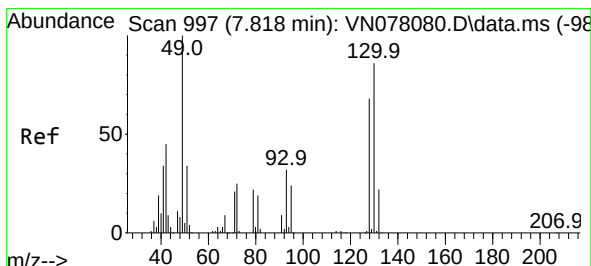
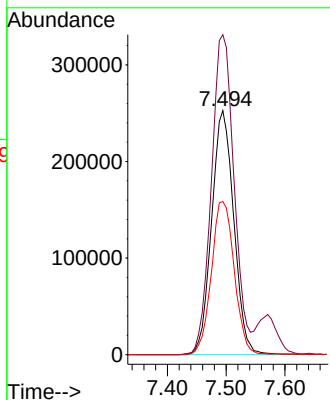
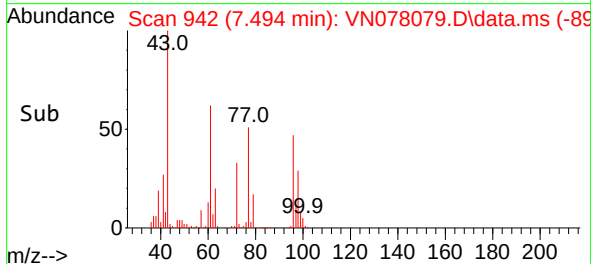
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



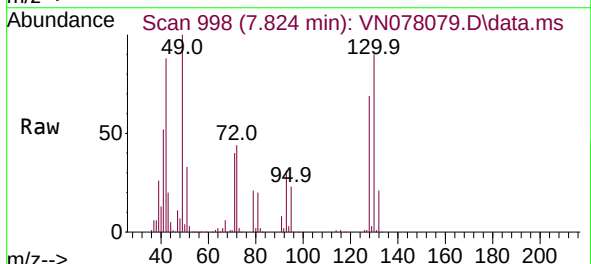
Tgt Ion: 96 Resp: 662215
 Ion Ratio Lower Upper
 96 100
 61 134.1 0.0 255.2
 98 64.9 0.0 128.8

Manual Integrations
 APPROVED

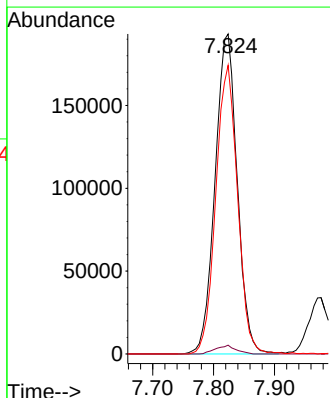
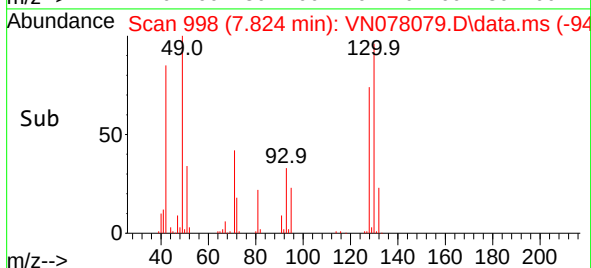
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023

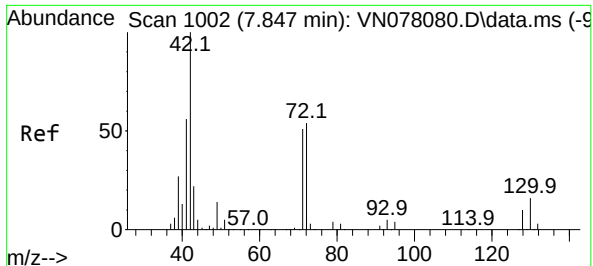


#28
 Bromochloromethane
 Concen: 102.078 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078079.D
 Acq: 06 Jun 2023 20:59



Tgt Ion: 49 Resp: 488476
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 88.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 482.044 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 958260

Ion Ratio Lower Upper

42 100

72 52.3 49.8 74.6

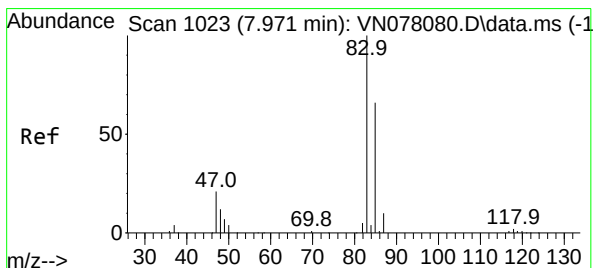
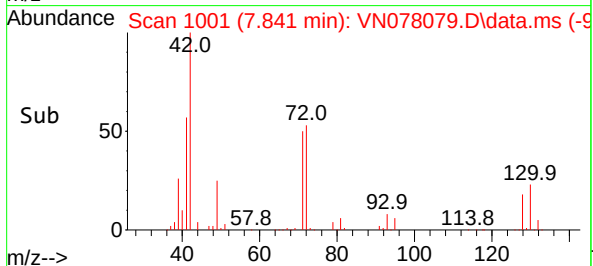
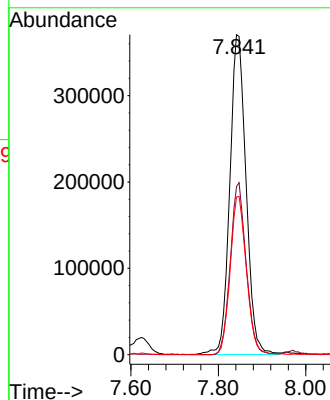
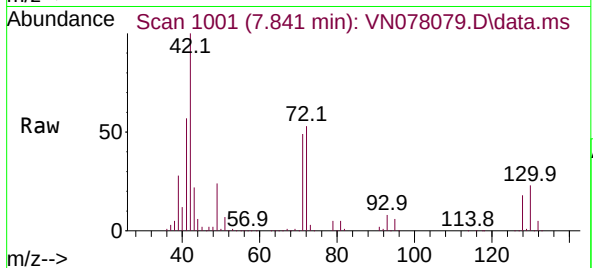
71 49.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#30

Chloroform

Concen: 96.519 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078079.D

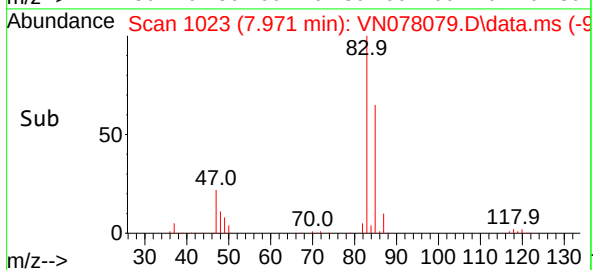
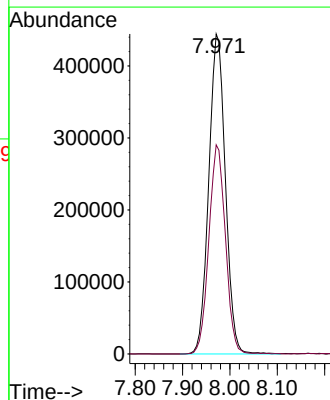
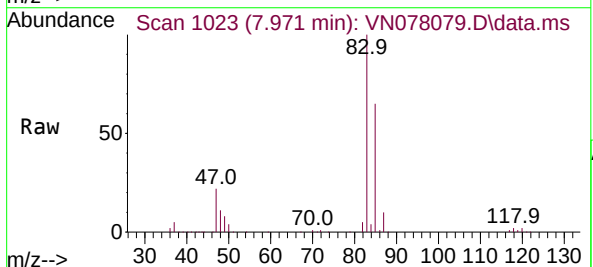
Acq: 06 Jun 2023 20:59

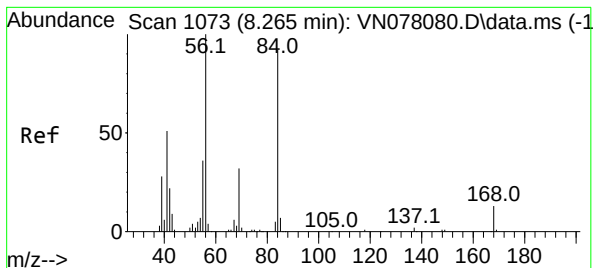
Tgt Ion: 83 Resp: 1083230

Ion Ratio Lower Upper

83 100

85 65.3 55.4 83.0





#31

Cyclohexane

Concen: 92.295 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 795390

Ion Ratio Lower Upper

56 100

69 33.0 26.8 40.2

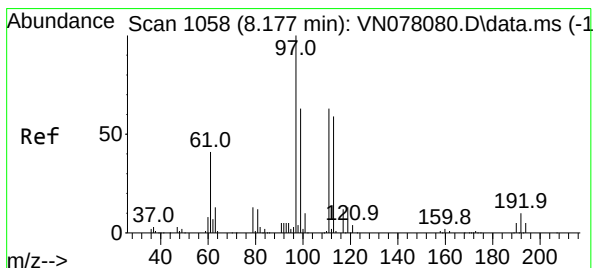
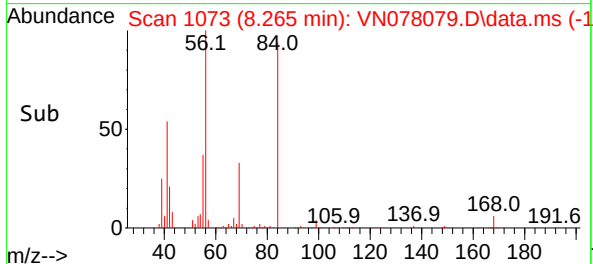
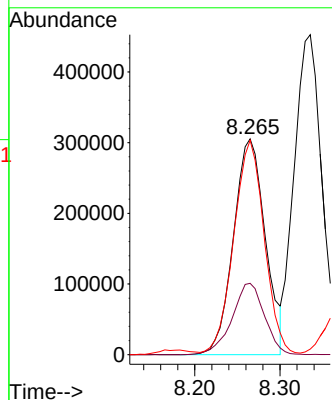
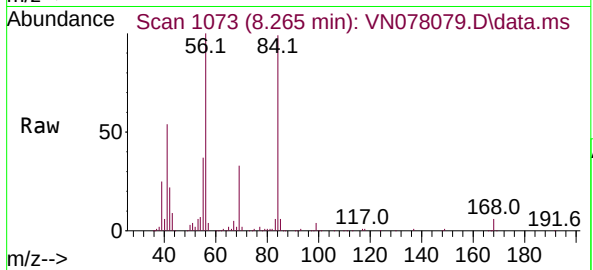
84 97.1 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#32

1,1,1-Trichloroethane

Concen: 99.304 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

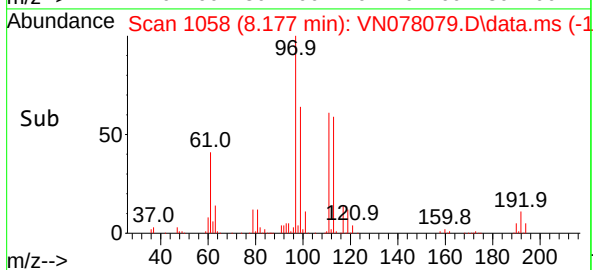
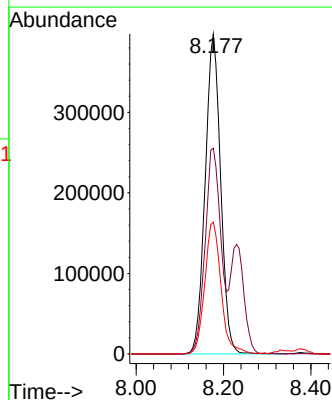
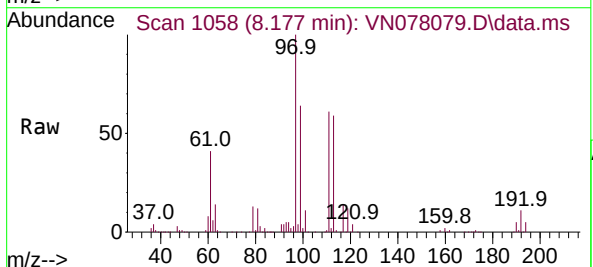
Tgt Ion: 97 Resp: 978435

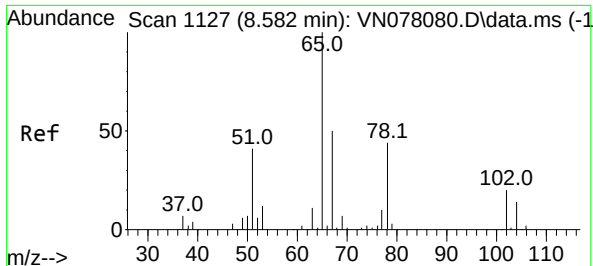
Ion Ratio Lower Upper

97 100

99 65.2 50.3 75.5

61 43.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 100.857 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 677574

Ion Ratio Lower Upper

65 100

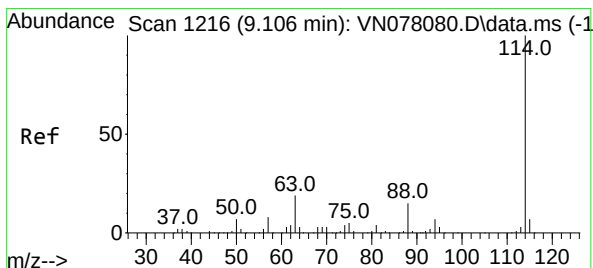
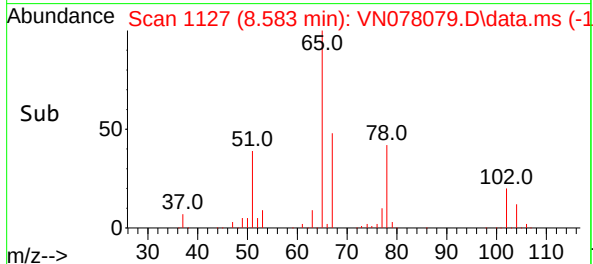
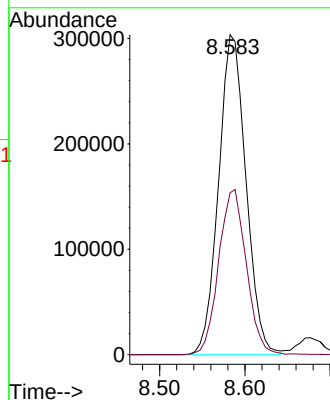
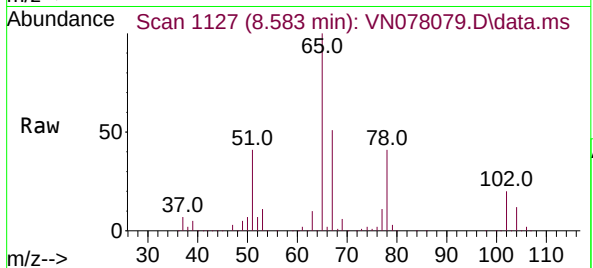
67 52.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

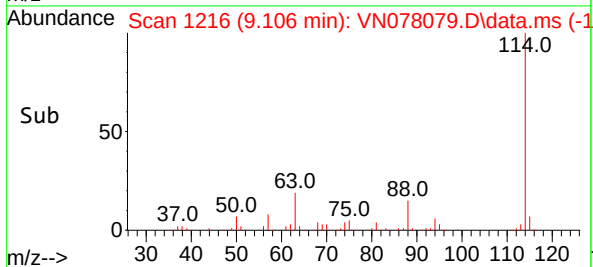
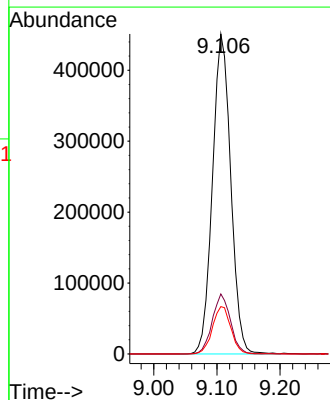
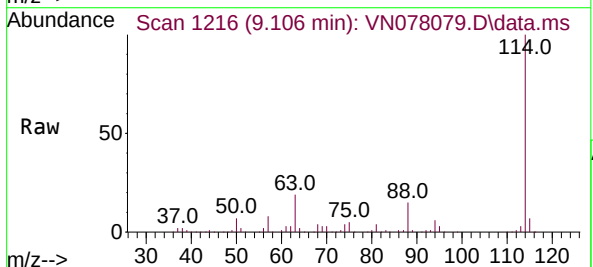
Tgt Ion:114 Resp: 906989

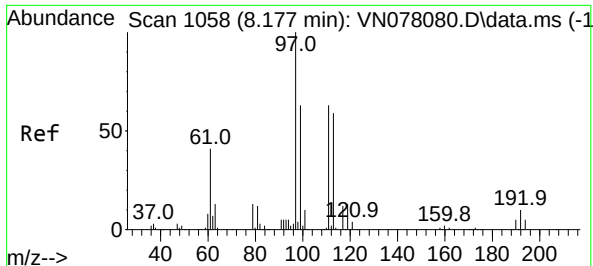
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 100.920 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 578752

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

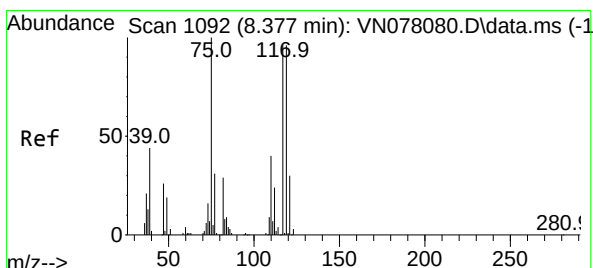
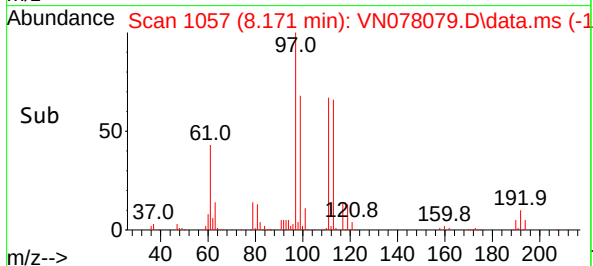
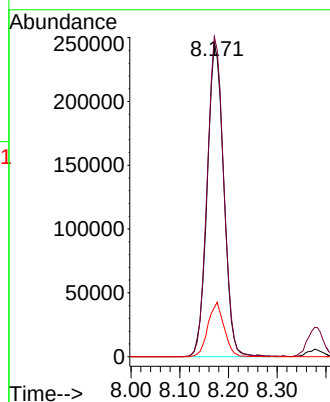
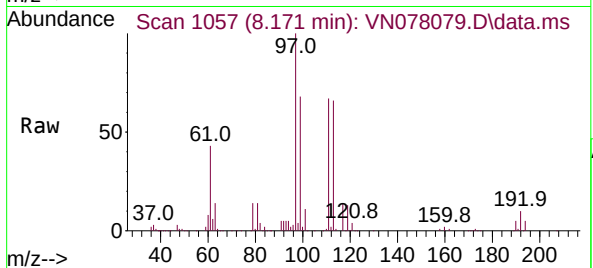
192 17.0 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#36

1,1-Dichloropropene

Concen: 98.161 ug/l

RT: 8.383 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

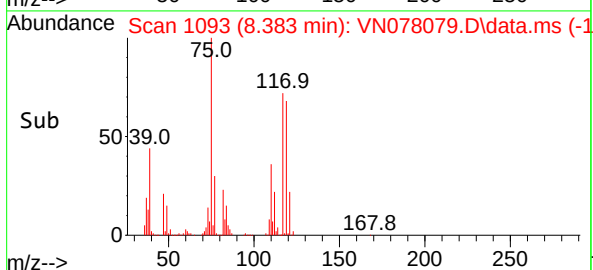
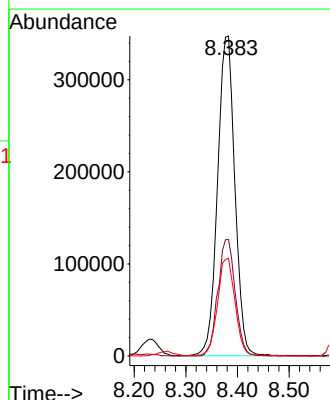
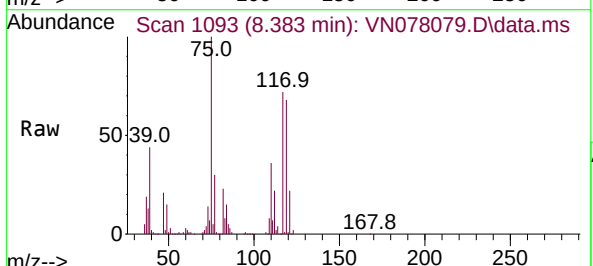
Tgt Ion: 75 Resp: 807455

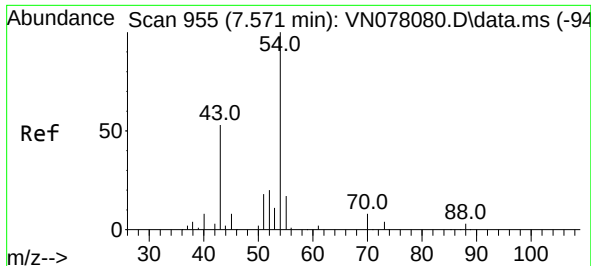
Ion Ratio Lower Upper

75 100

110 36.7 19.1 57.3

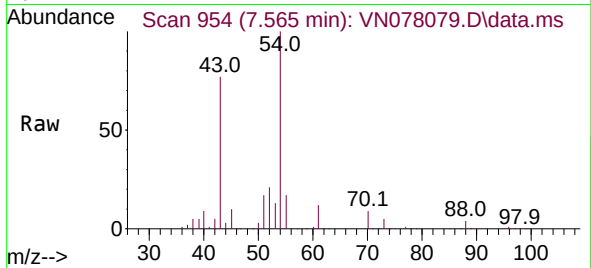
77 31.0 25.0 37.4





#37
Ethyl Acetate
Concen: 95.690 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

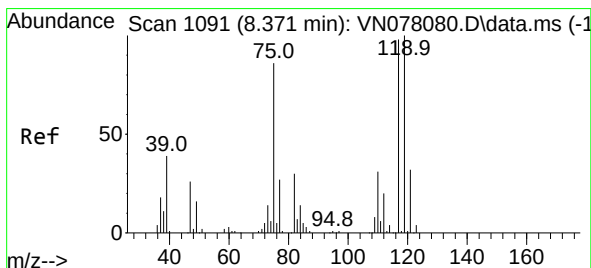
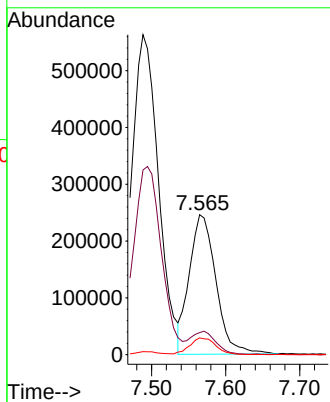
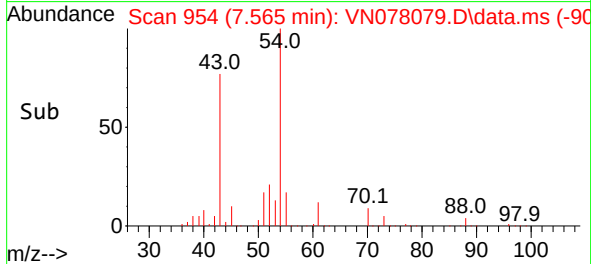
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 614910
Ion Ratio Lower Upper
43 100
61 14.5 13.2 19.8
70 11.8 11.3 16.9

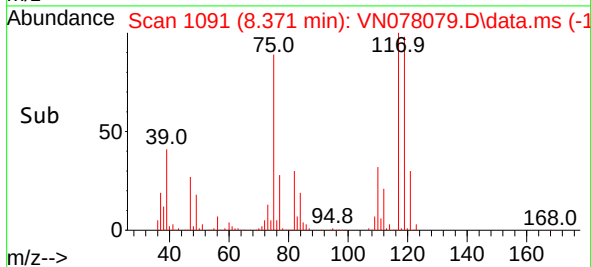
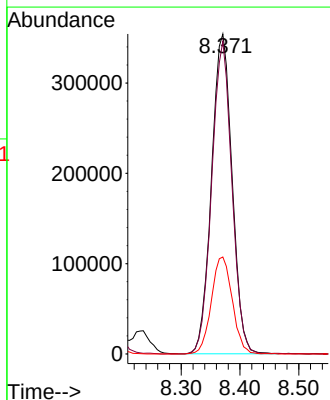
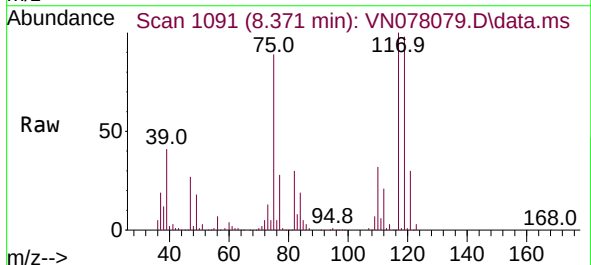
Manual Integrations
APPROVED

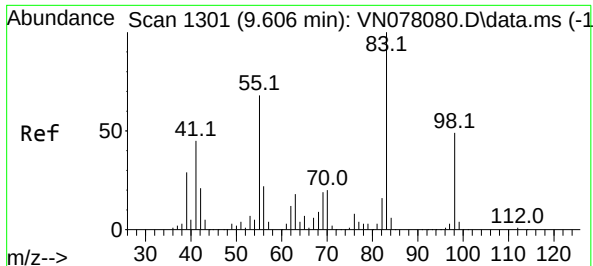
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#38
Carbon Tetrachloride
Concen: 99.080 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Tgt Ion:117 Resp: 860582
Ion Ratio Lower Upper
117 100
119 97.7 77.3 115.9
121 30.3 23.3 34.9





#39

Methylcyclohexane

Concen: 98.518 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 83984

Ion Ratio Lower Upper

83 100

55 69.2 49.1 73.7

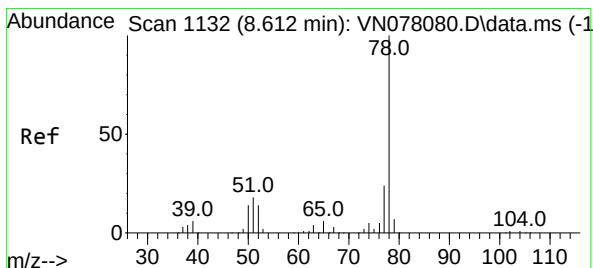
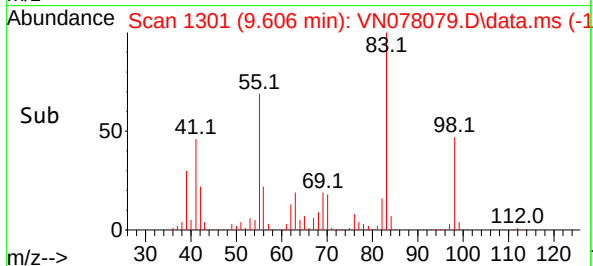
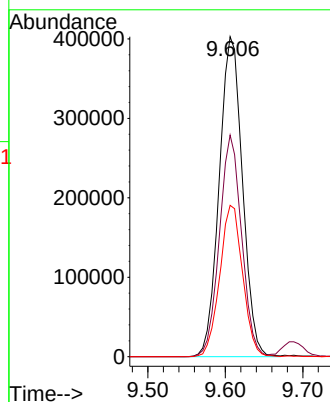
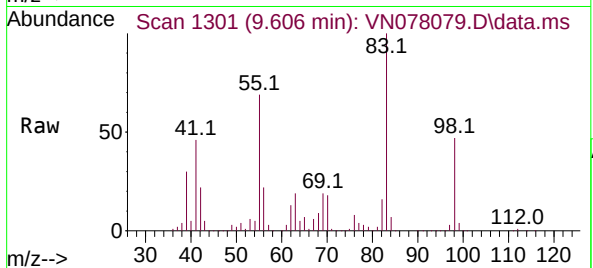
98 47.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#40

Benzene

Concen: 96.997 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078079.D

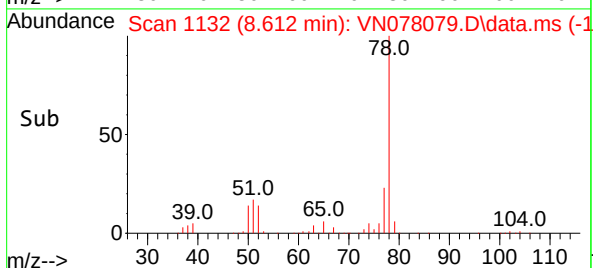
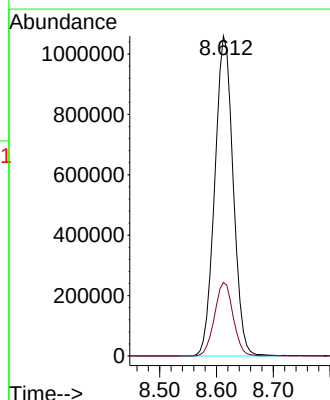
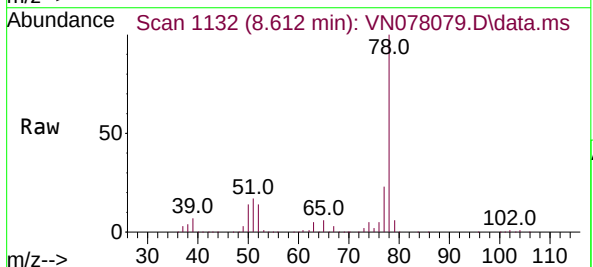
Acq: 06 Jun 2023 20:59

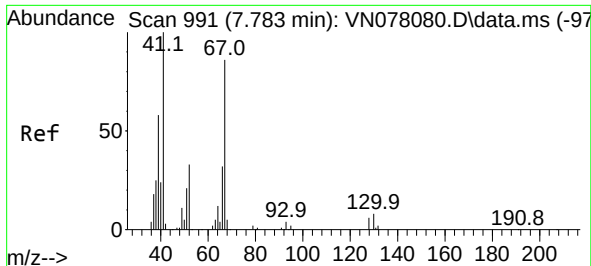
Tgt Ion: 78 Resp: 2382020

Ion Ratio Lower Upper

78 100

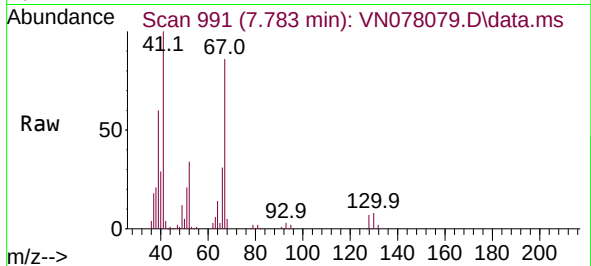
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 95.255 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

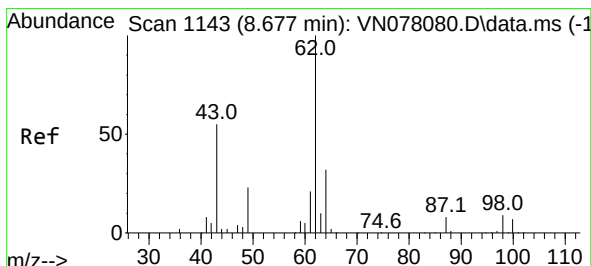
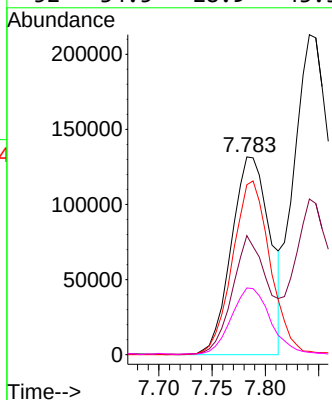
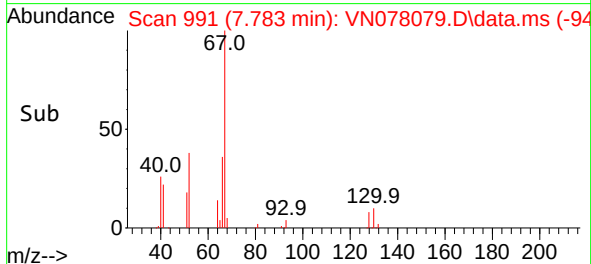
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 331785
Ion Ratio Lower Upper
41 100
39 55.0 42.6 64.0
67 86.4 77.5 116.3
52 34.5 28.9 43.3

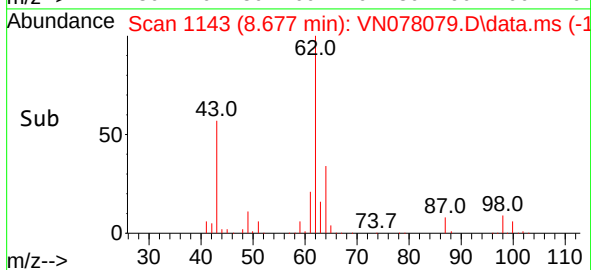
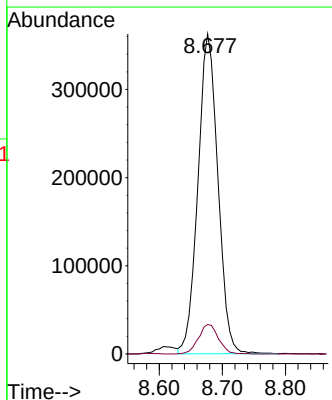
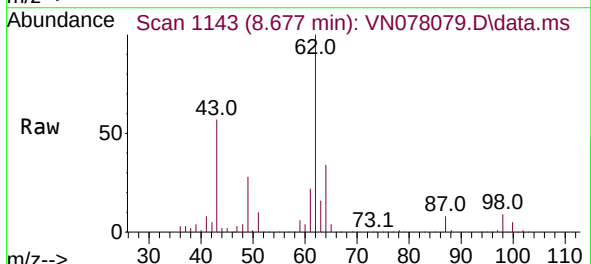
Manual Integrations
APPROVED

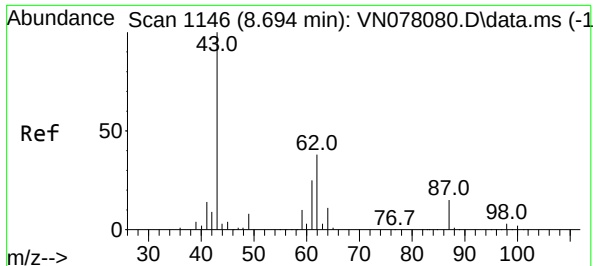
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#42
1,2-Dichloroethane
Concen: 94.655 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Tgt Ion: 62 Resp: 797002
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8





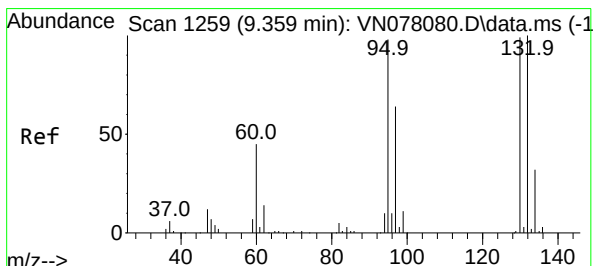
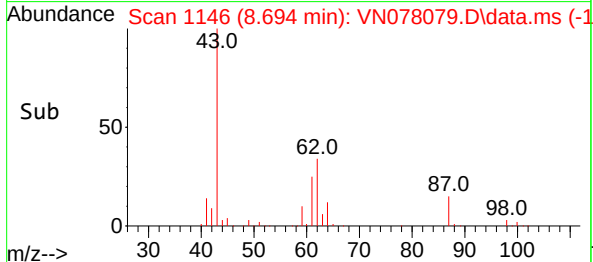
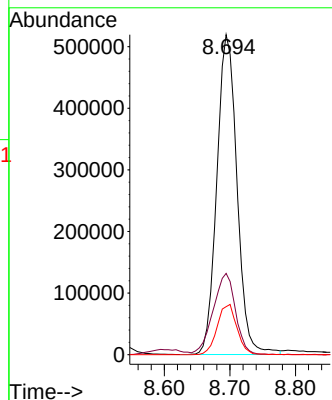
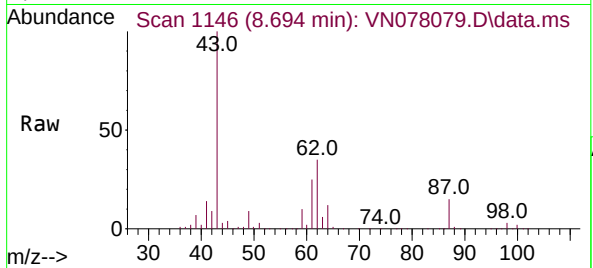
#43
Isopropyl Acetate
Concen: 90.246 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 110908
Ion Ratio Lower Upper
43 100
61 28.2 24.7 37.1
87 15.4 14.6 21.8

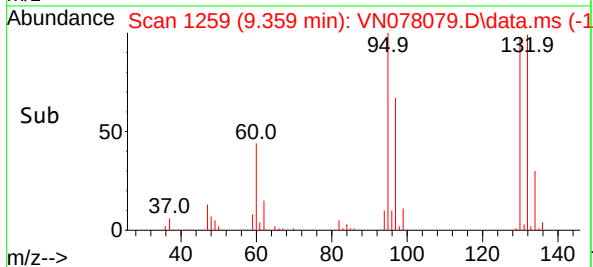
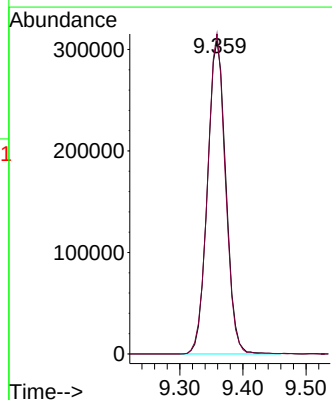
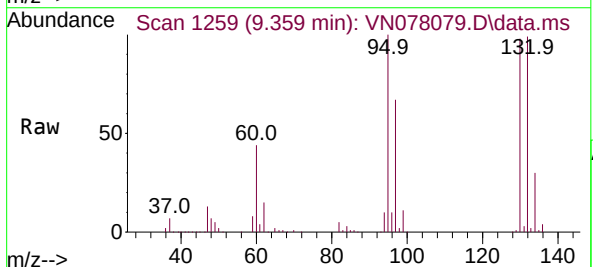
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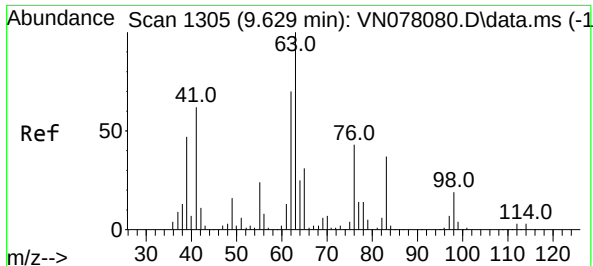
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#44
Trichloroethene
Concen: 96.329 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Tgt Ion:130 Resp: 624730
Ion Ratio Lower Upper
130 100
95 102.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 97.042 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 59292

Ion Ratio Lower Upper

63 100

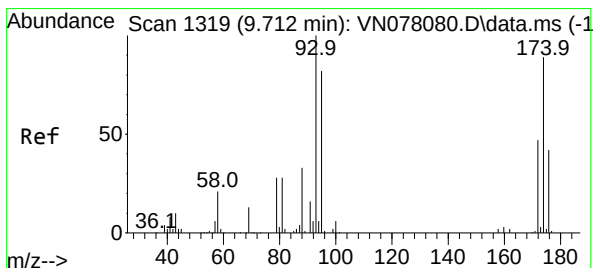
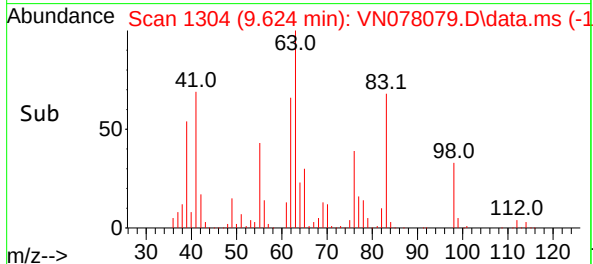
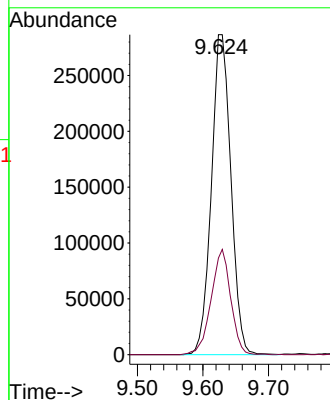
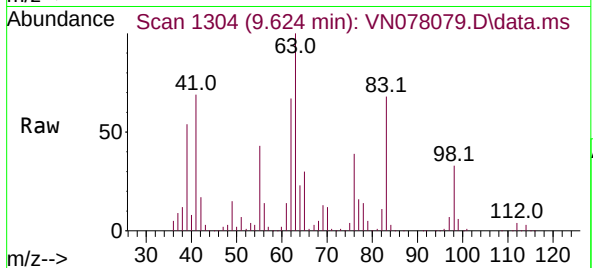
65 30.2 23.9 35.9

Manual Integrations

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Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#46

Dibromomethane

Concen: 95.040 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

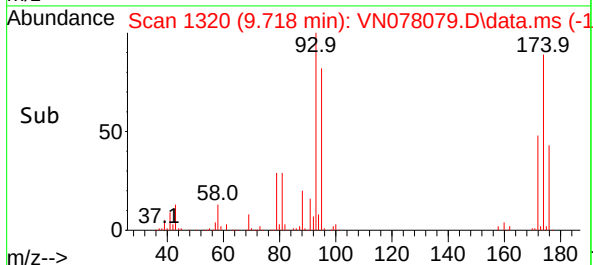
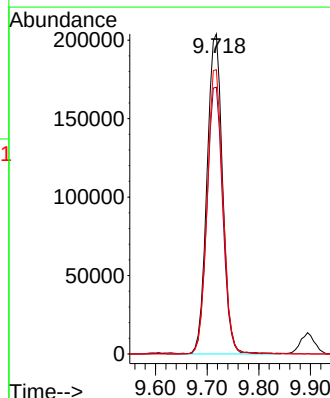
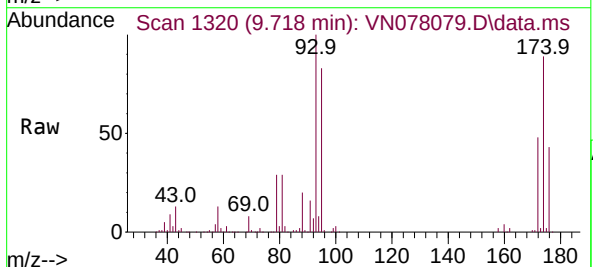
Tgt Ion: 93 Resp: 427716

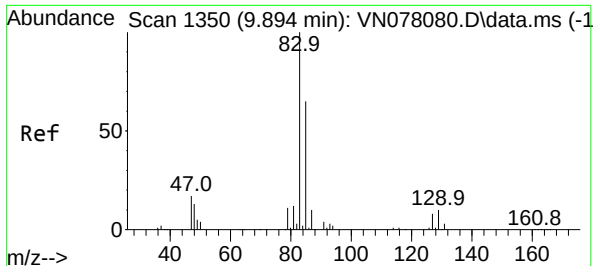
Ion Ratio Lower Upper

93 100

95 83.8 63.8 95.8

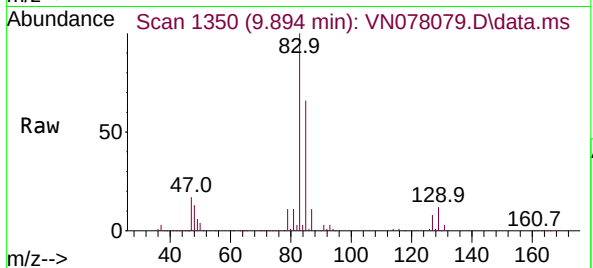
174 89.5 65.6 98.4





#47
Bromodichloromethane
Concen: 102.159 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

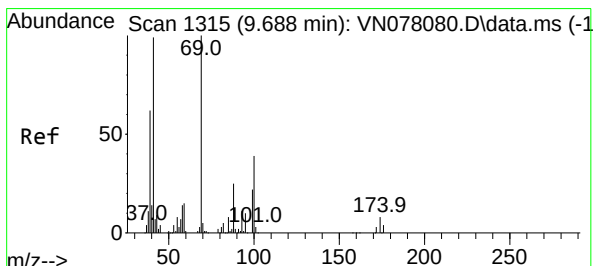
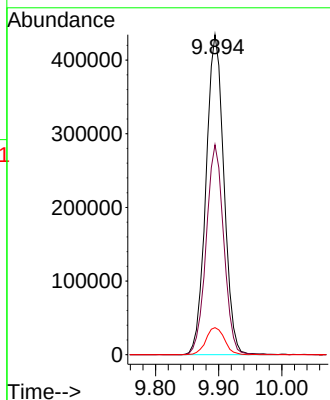
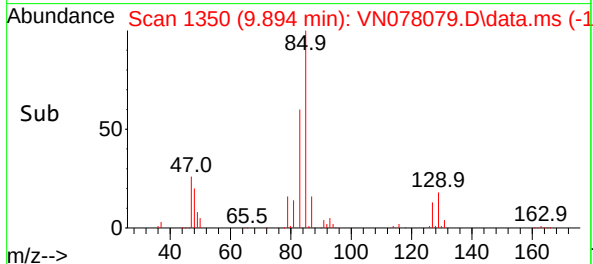
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



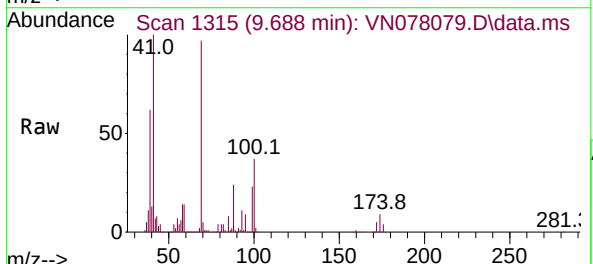
Tgt Ion: 83 Resp: 854013
Ion Ratio Lower Upper
83 100
85 65.6 49.6 74.4
127 8.5 7.0 10.6

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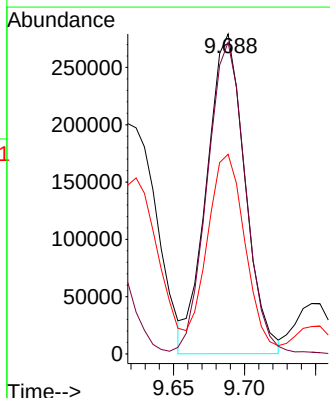
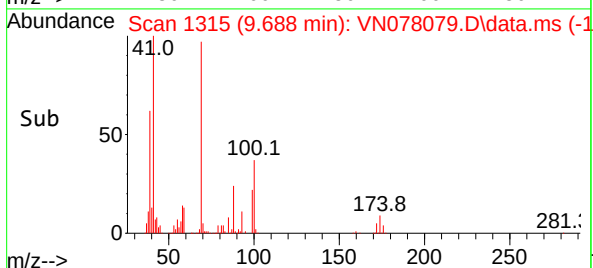
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

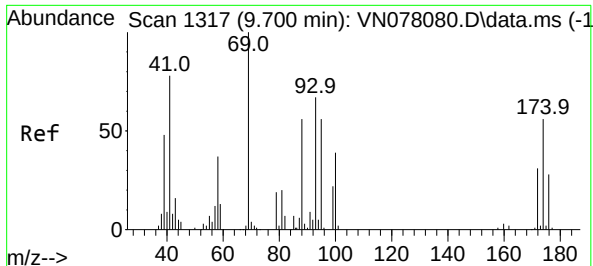


#48
Methyl methacrylate
Concen: 101.295 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59



Tgt Ion: 41 Resp: 522413
Ion Ratio Lower Upper
41 100
69 97.7 90.4 135.6
39 61.9 54.6 81.8





#49

1,4-Dioxane

Concen: 1882.902 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 204100

Ion Ratio Lower Upper

88 100

43 25.2 17.0 25.6

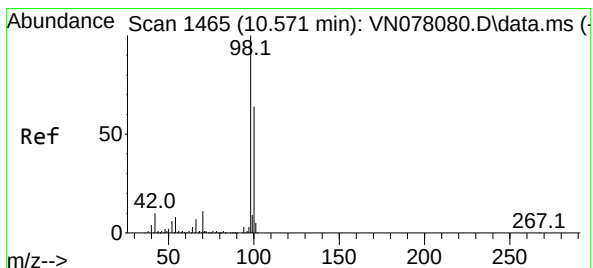
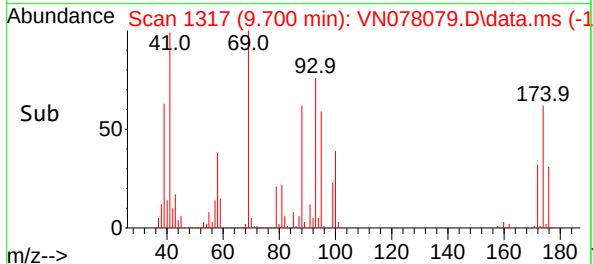
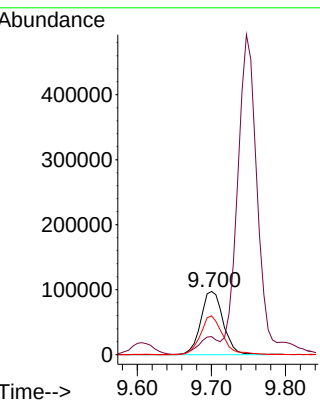
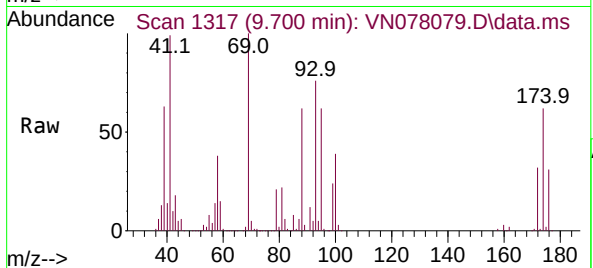
58 61.3 47.0 70.4

Manual Integrations

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Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#50

Toluene-d8

Concen: 101.162 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078079.D

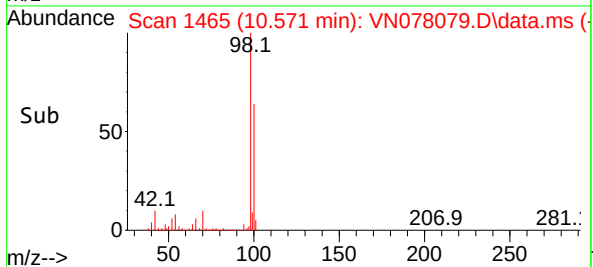
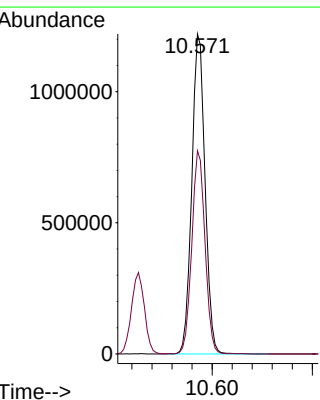
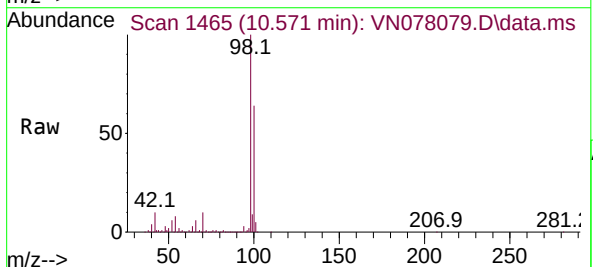
Acq: 06 Jun 2023 20:59

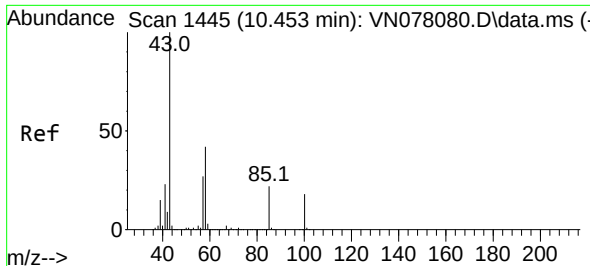
Tgt Ion: 98 Resp: 2236499

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0





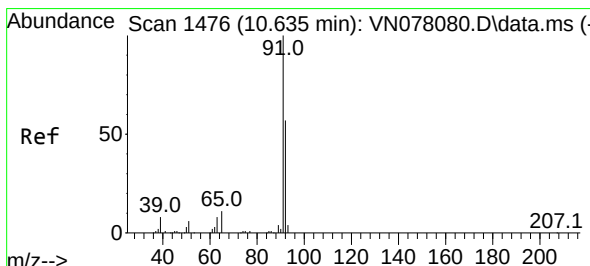
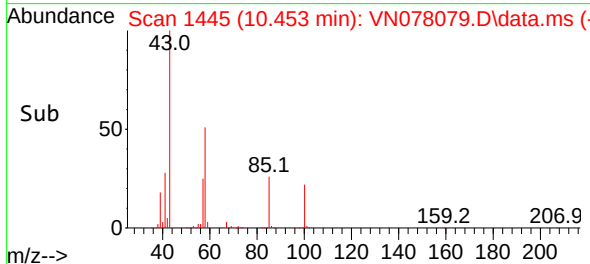
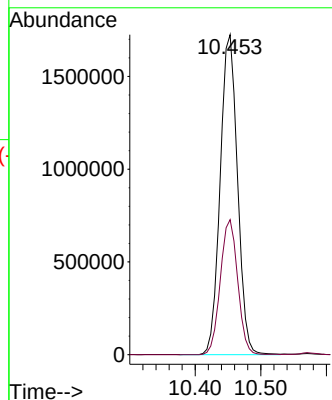
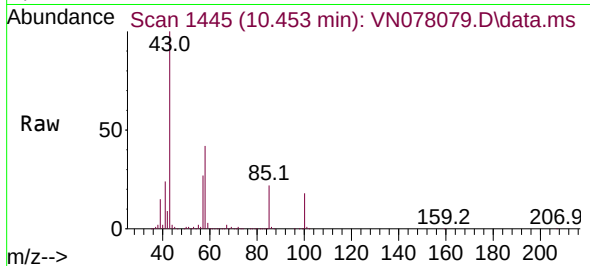
#51
4-Methyl-2-Pentanone
Concen: 487.109 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 3152335
Ion Ratio Lower Upper
43 100
58 42.3 36.6 54.8

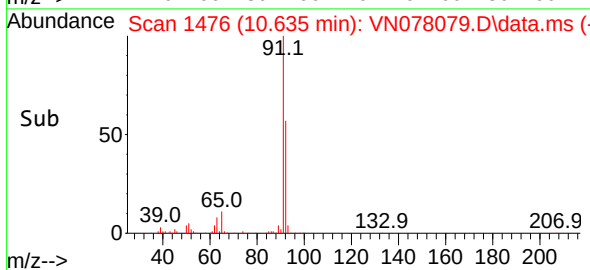
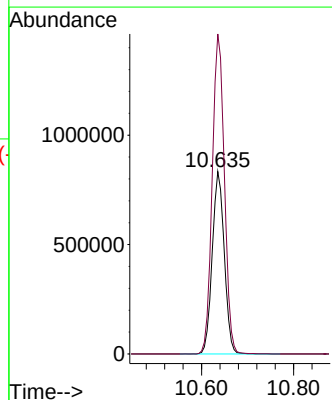
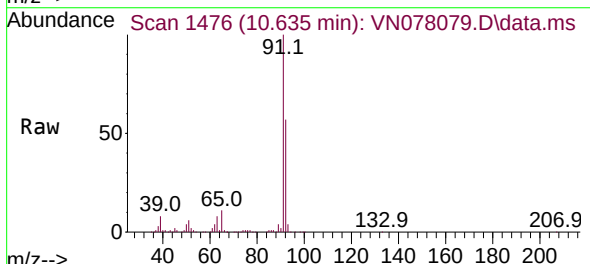
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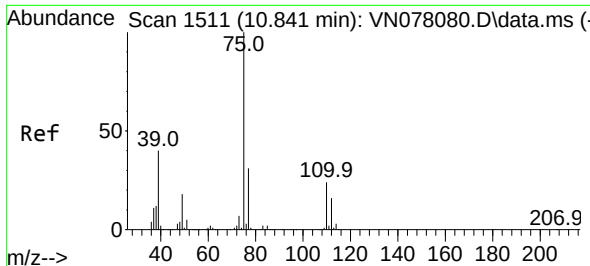
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#52
Toluene
Concen: 97.556 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Tgt Ion: 92 Resp: 1512601
Ion Ratio Lower Upper
92 100
91 177.2 137.4 206.0





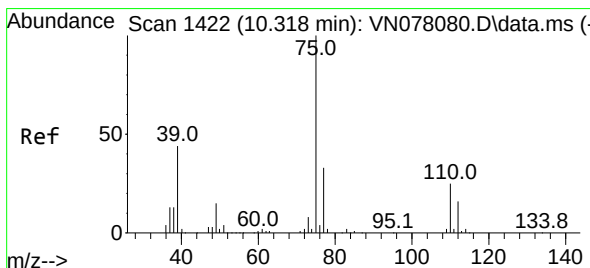
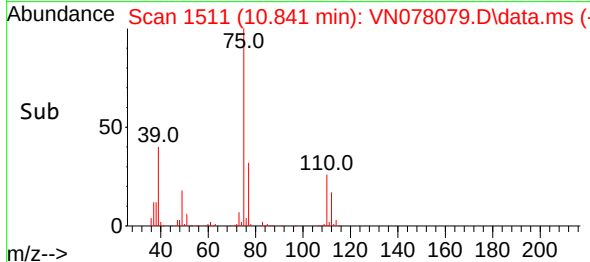
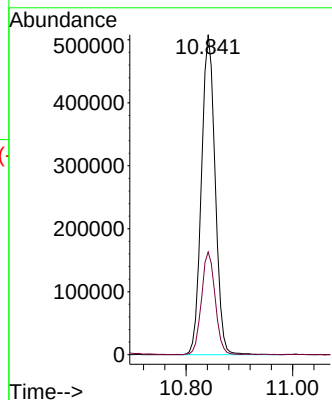
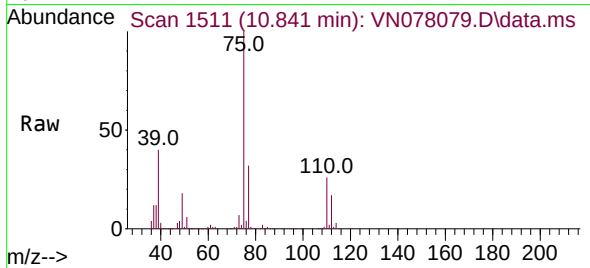
#53
 t-1,3-Dichloropropene
 Concen: 104.341 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078079.D
 Acq: 06 Jun 2023 20:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Tgt Ion: 75 Resp: 908400
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0

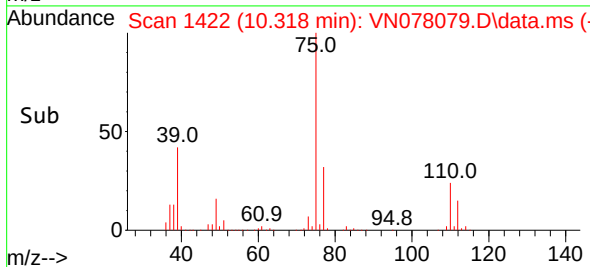
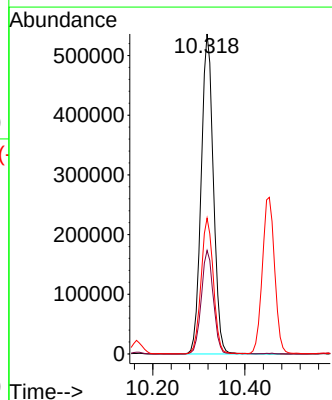
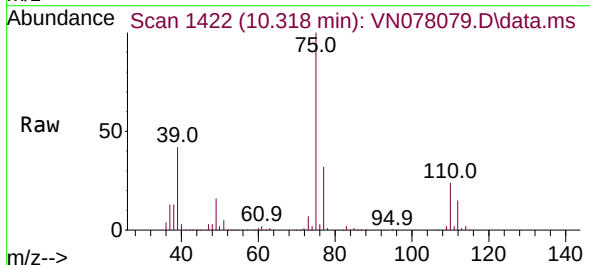
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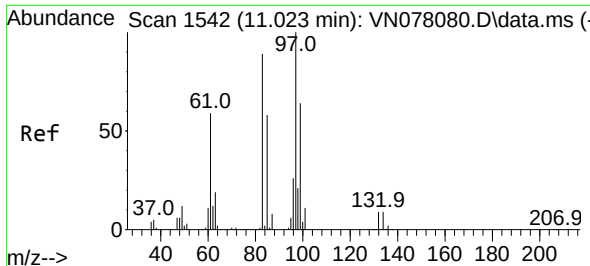
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#54
 cis-1,3-Dichloropropene
 Concen: 102.900 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078079.D
 Acq: 06 Jun 2023 20:59

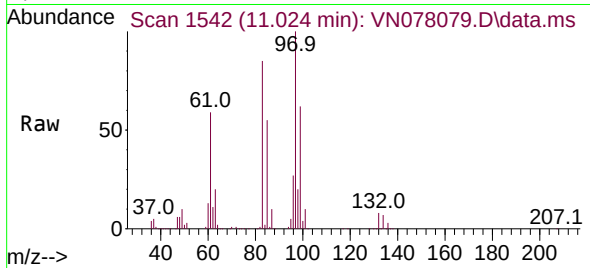
Tgt Ion: 75 Resp: 990301
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.1 39.1
 39 42.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 100.496 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

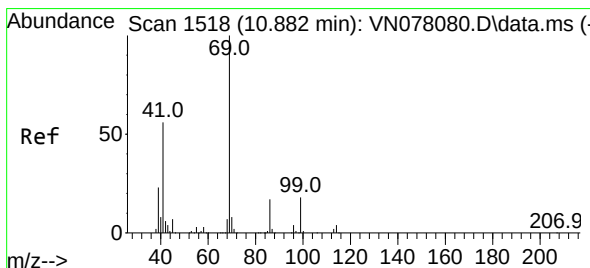
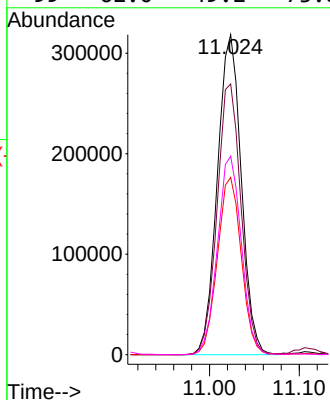
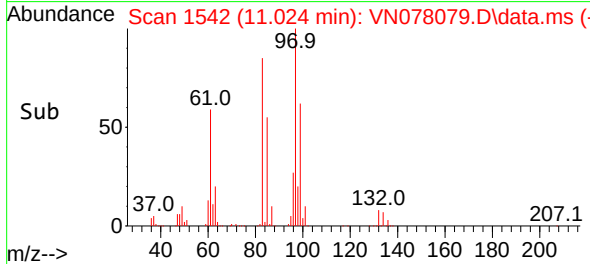


Tgt Ion: 97 Resp: 58945

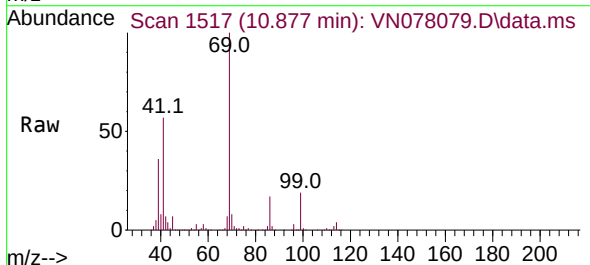
Ion	Ratio	Lower	Upper
97	100		
83	84.6	65.1	97.7
85	55.4	43.4	65.2
99	62.0	49.2	73.8

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Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

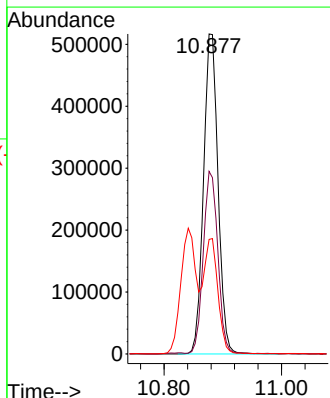
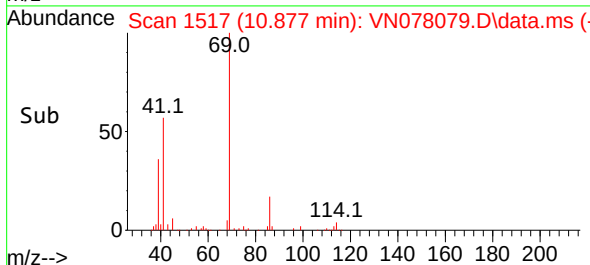


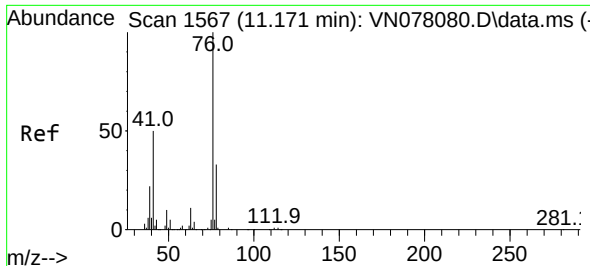
#56
Ethyl methacrylate
Concen: 103.477 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59



Tgt Ion: 69 Resp: 883744

Ion	Ratio	Lower	Upper
69	100		
41	57.1	39.6	59.4
39	35.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 99.984 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 98990

Ion Ratio Lower Upper

76 100

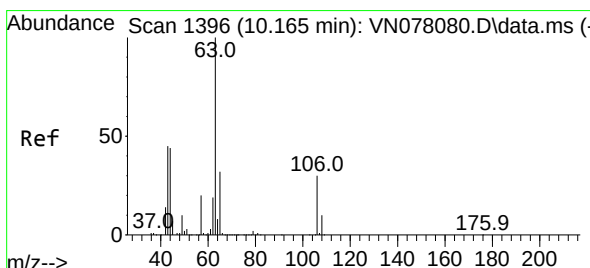
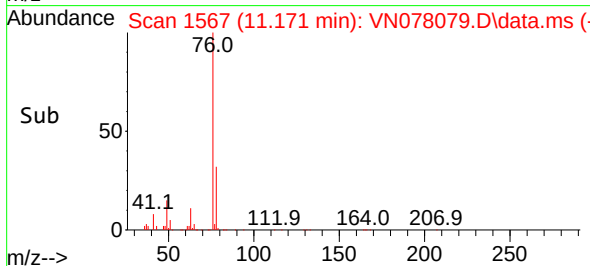
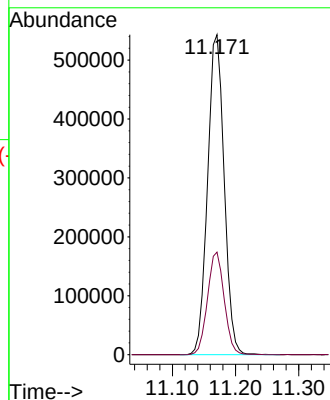
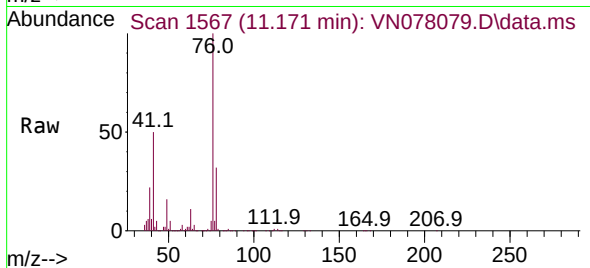
78 32.3 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 555.406 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078079.D

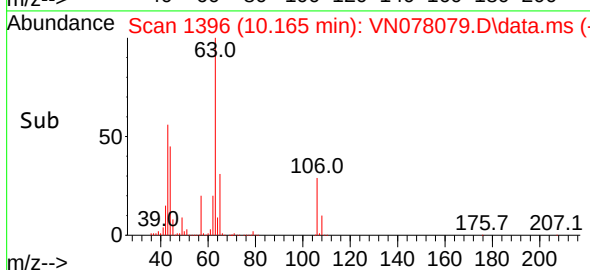
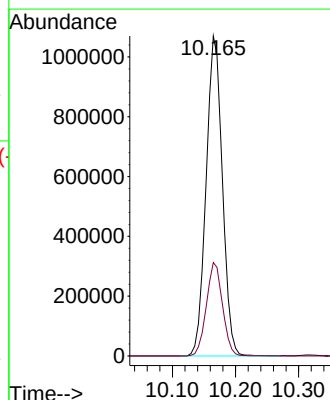
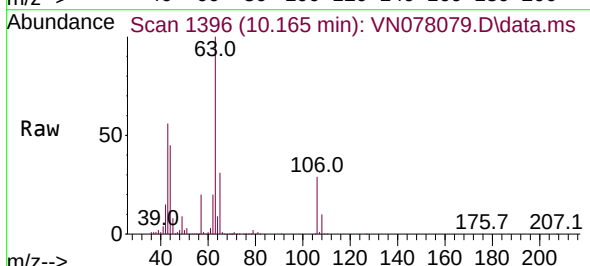
Acq: 06 Jun 2023 20:59

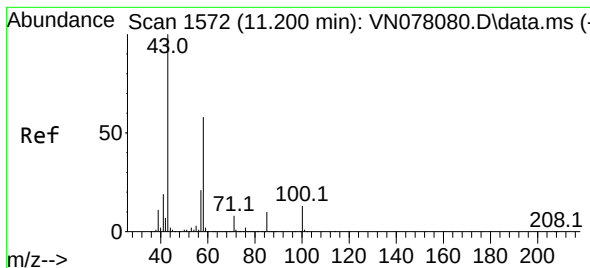
Tgt Ion: 63 Resp: 1916196

Ion Ratio Lower Upper

63 100

106 28.9 26.2 39.4





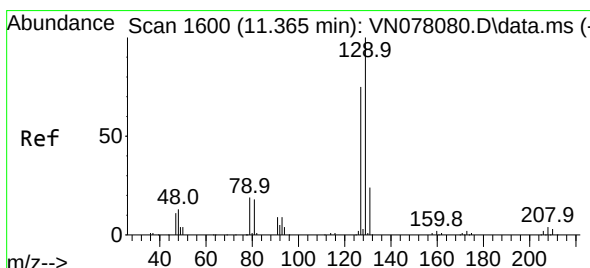
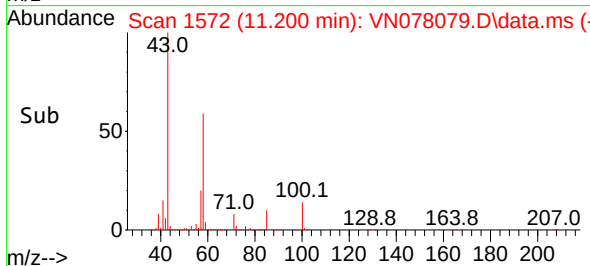
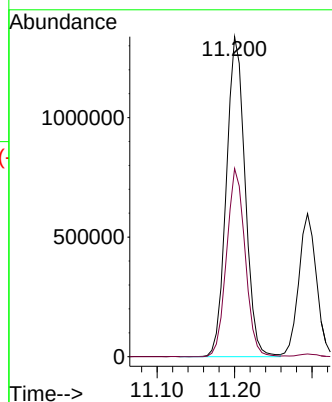
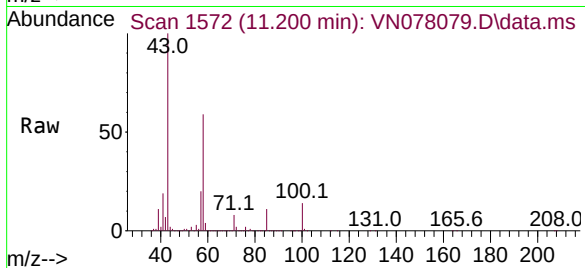
#59
2-Hexanone
Concen: 499.603 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 225124
Ion Ratio Lower Upper
43 100
58 58.3 31.7 95.1

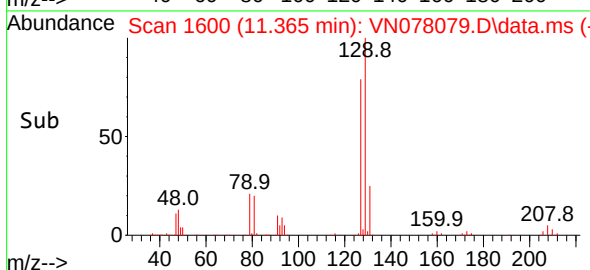
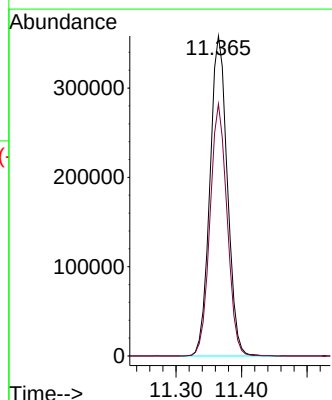
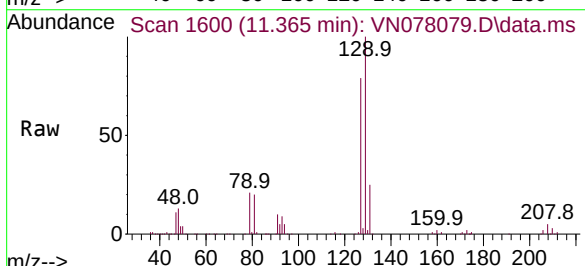
Manual Integrations
APPROVED

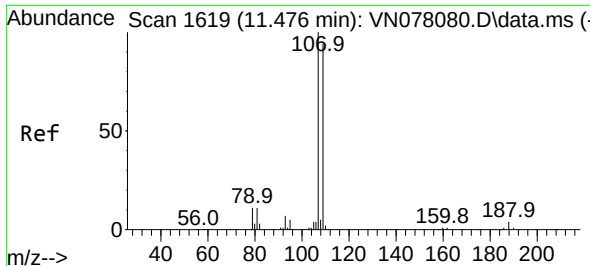
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#60
Dibromochloromethane
Concen: 102.851 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

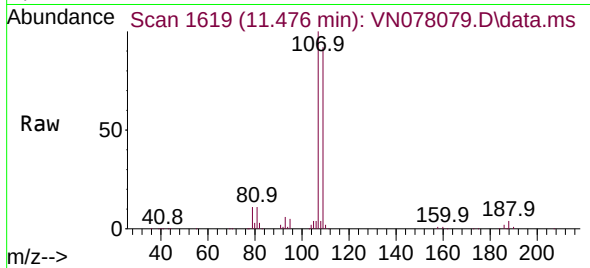
Tgt Ion:129 Resp: 660123
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 99.431 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

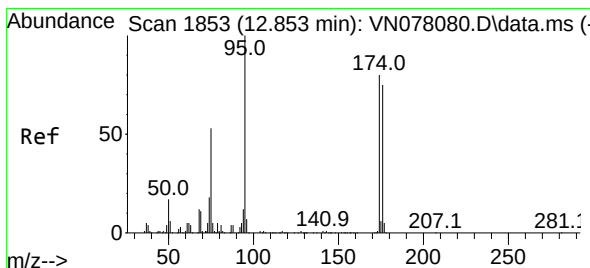
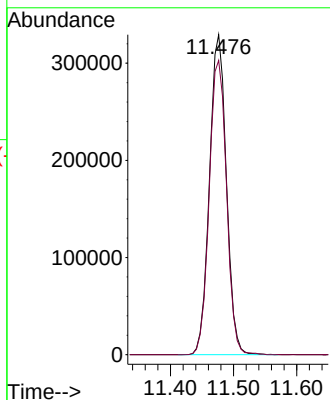
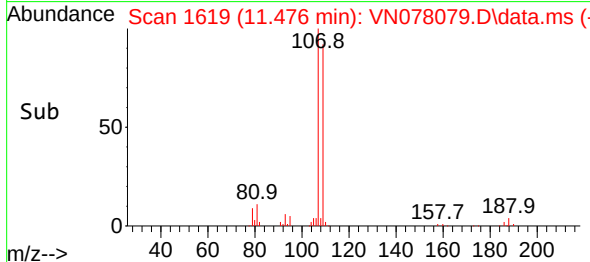
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



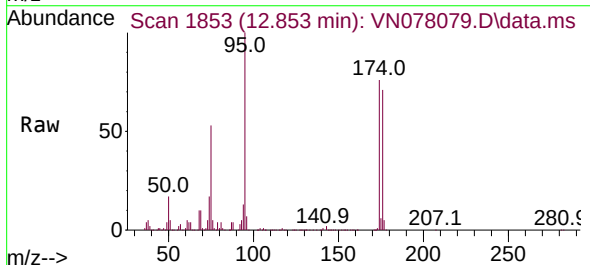
Tgt Ion: 107 Resp: 612029
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8

Manual Integrations
APPROVED

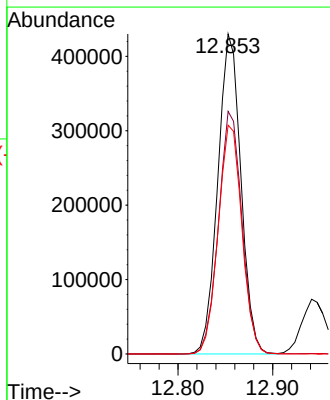
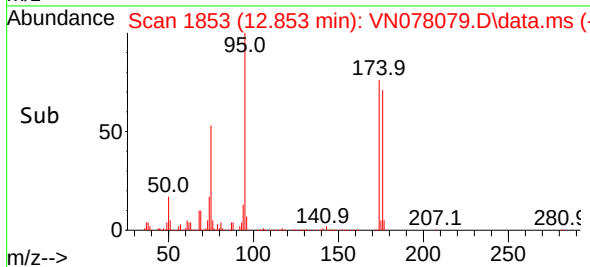
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

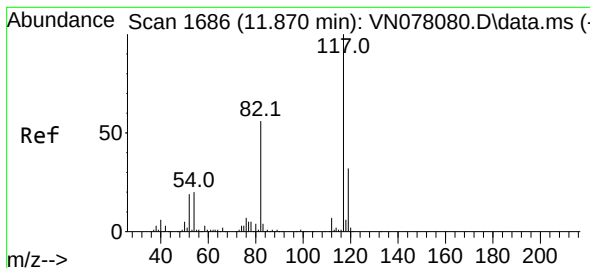


#62
4-Bromofluorobenzene
Concen: 106.094 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59



Tgt Ion: 95 Resp: 729170
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 73.4 0.0 135.8





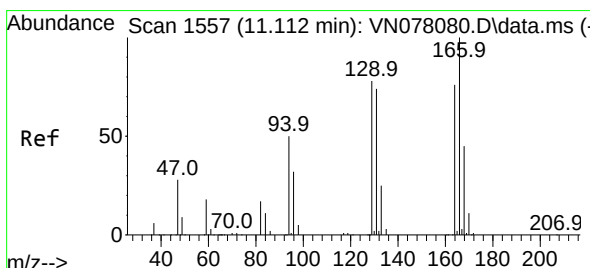
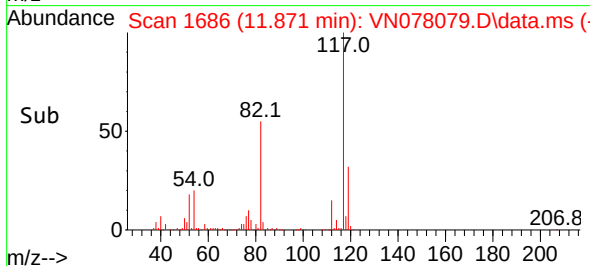
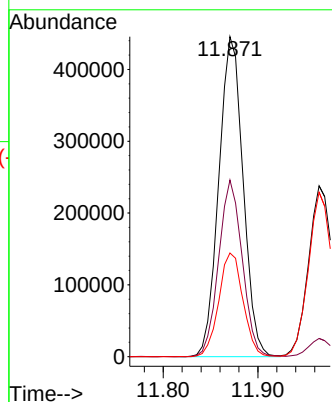
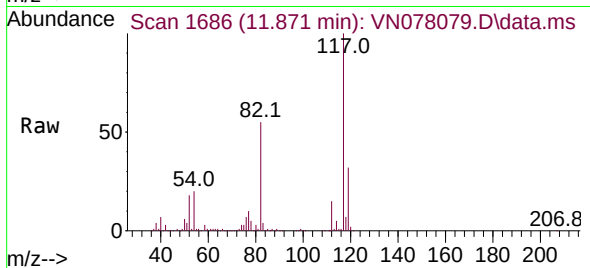
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 794959
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 32.3 25.6 38.4

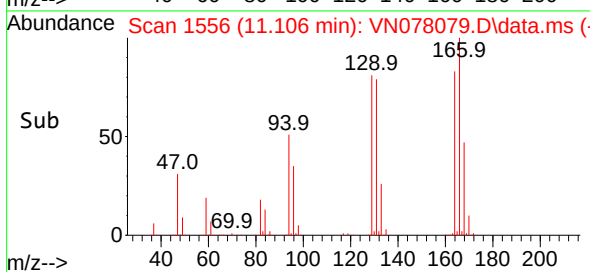
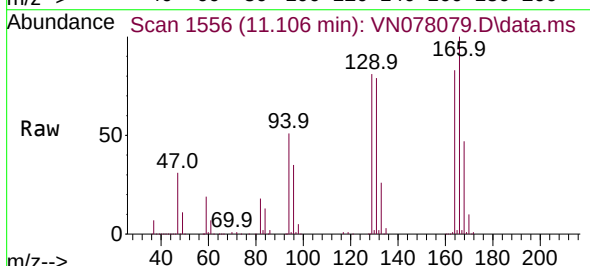
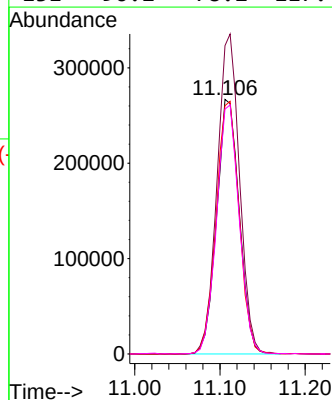
Manual Integrations
APPROVED

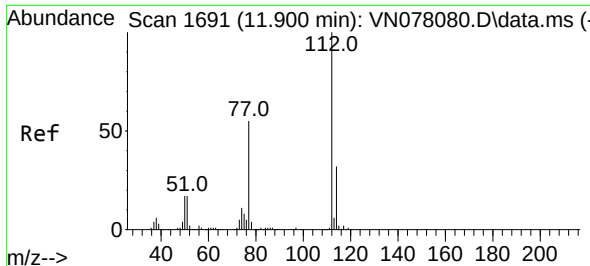
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#64
Tetrachloroethene
Concen: 92.659 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Tgt Ion:164 Resp: 491411
Ion Ratio Lower Upper
164 100
166 121.2 101.4 152.0
129 97.6 82.4 123.6
131 96.2 78.2 117.4





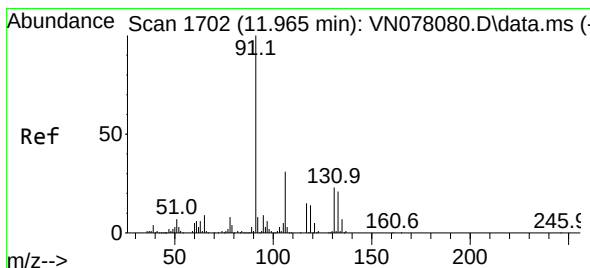
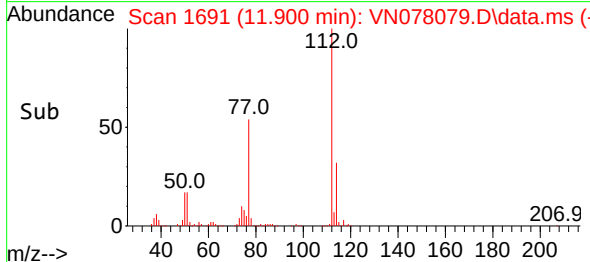
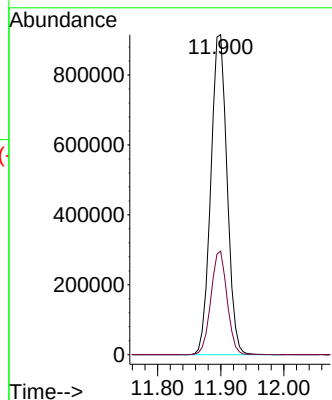
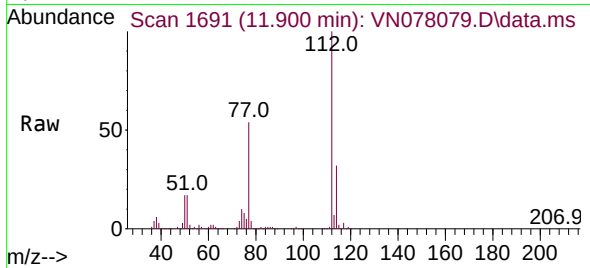
#65
Chlorobenzene
Concen: 96.196 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 163768
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4

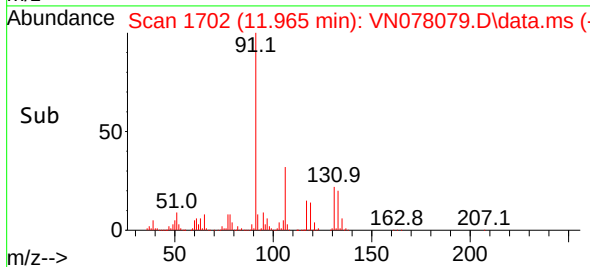
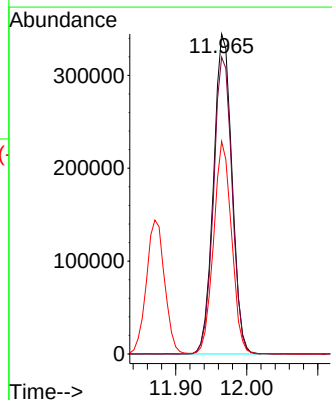
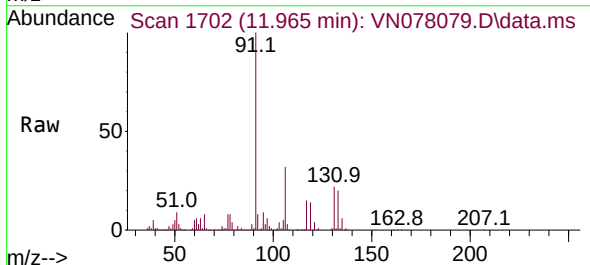
Manual Integrations
APPROVED

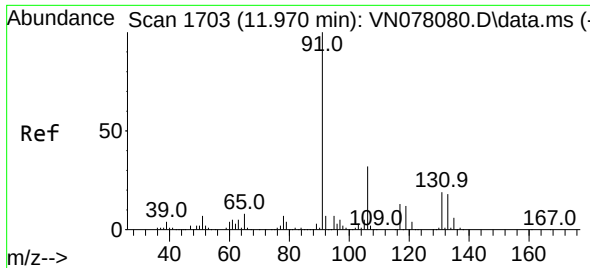
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 99.013 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

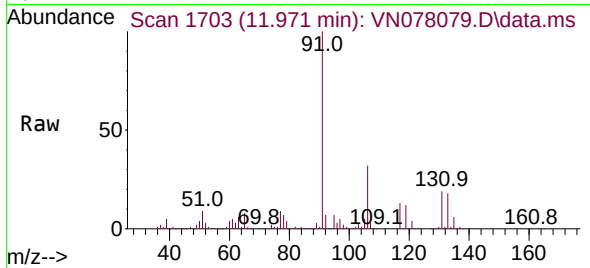
Tgt Ion:131 Resp: 619976
Ion Ratio Lower Upper
131 100
133 93.6 46.4 139.1
119 64.6 34.1 102.2





#67
Ethyl Benzene
Concen: 98.388 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

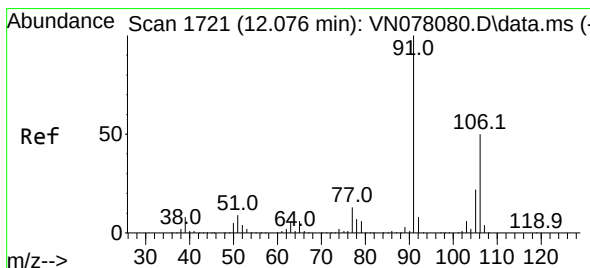
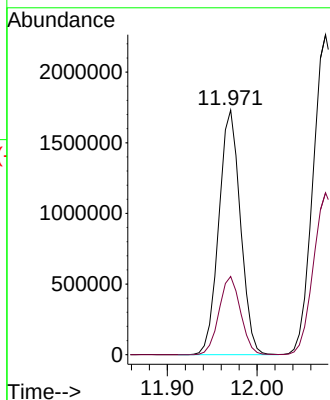
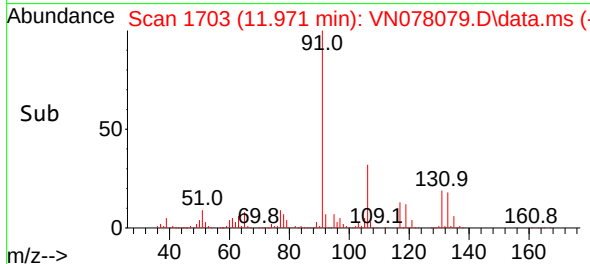
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



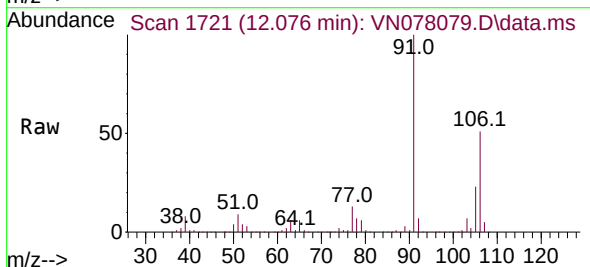
Tgt Ion: 91 Resp: 2890184
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

Manual Integrations
APPROVED

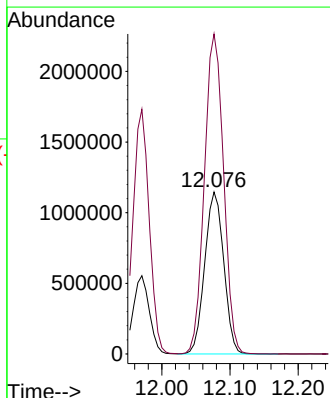
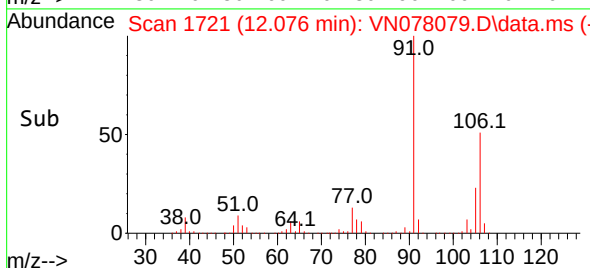
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

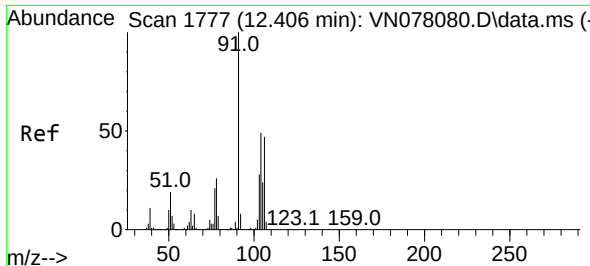


#68
m/p-Xylenes
Concen: 198.576 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59



Tgt Ion:106 Resp: 2223072
Ion Ratio Lower Upper
106 100
91 199.3 159.6 239.4





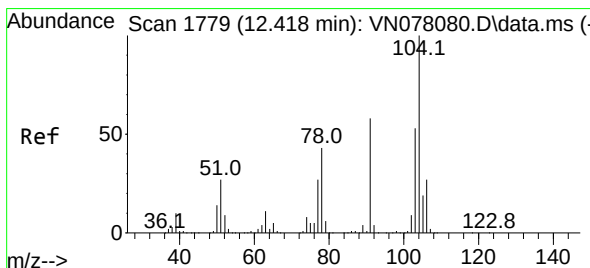
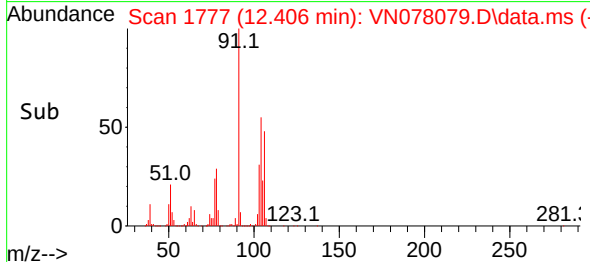
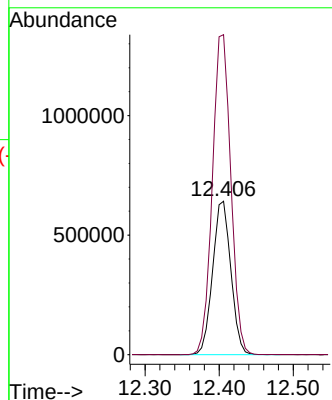
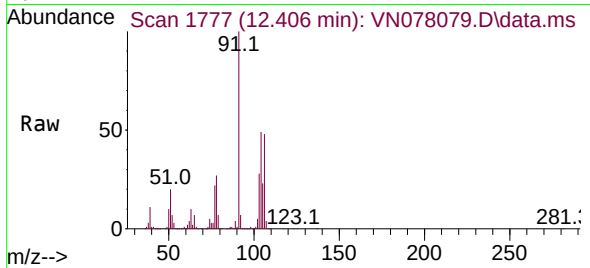
#69
o-Xylene
Concen: 99.744 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 109656
Ion Ratio Lower Upper
106 100
91 211.1 105.2 315.5

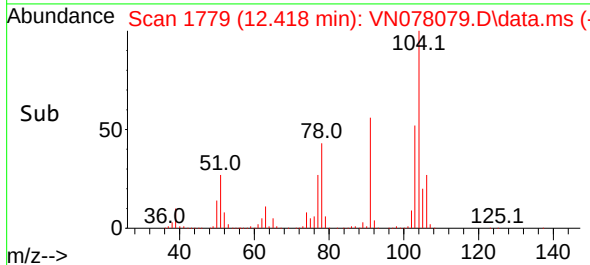
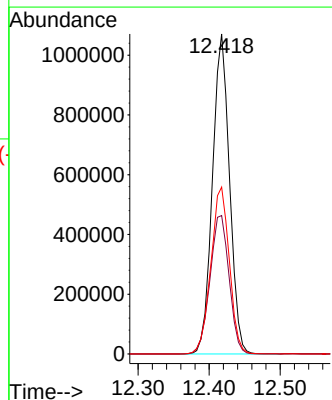
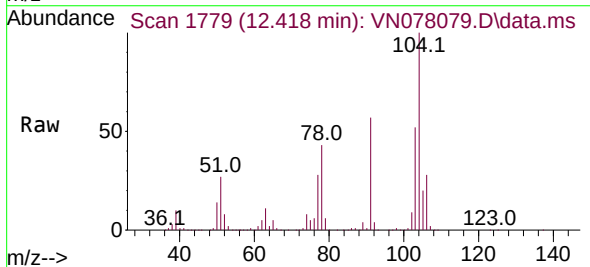
Manual Integrations
APPROVED

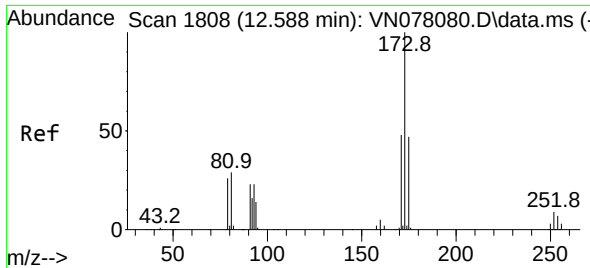
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#70
Styrene
Concen: 103.087 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

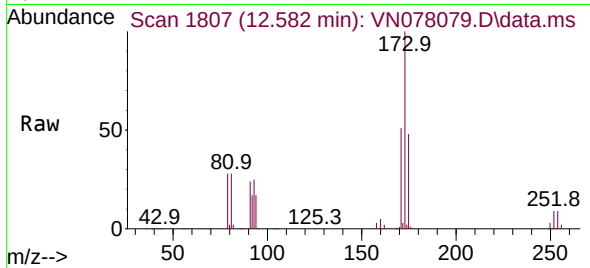
Tgt Ion:104 Resp: 1784179
Ion Ratio Lower Upper
104 100
78 48.6 39.5 59.3
103 56.3 43.2 64.8





#71
Bromoform
Concen: 104.666 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

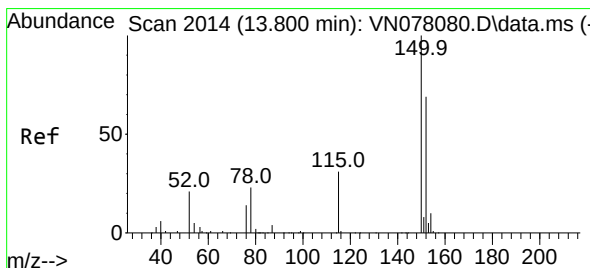
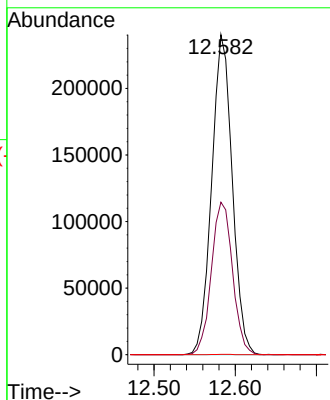
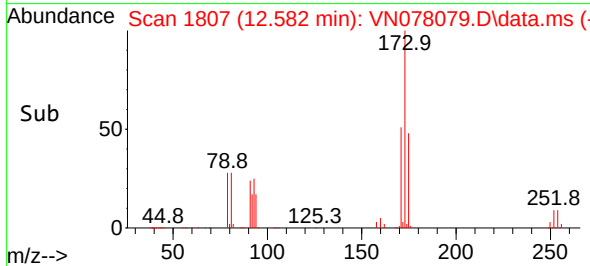
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



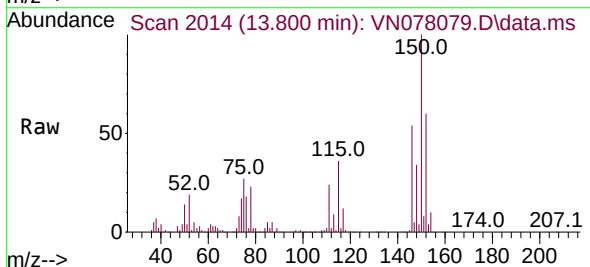
Tgt Ion:173 Resp: 422944
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

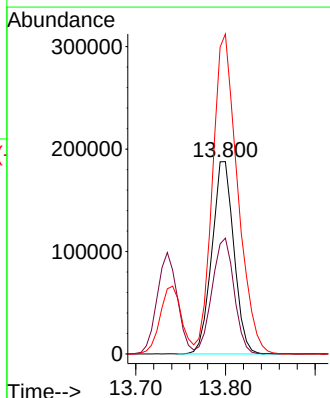
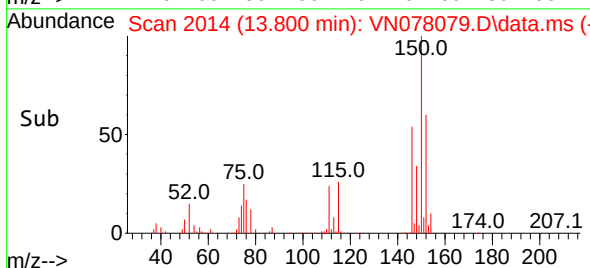
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

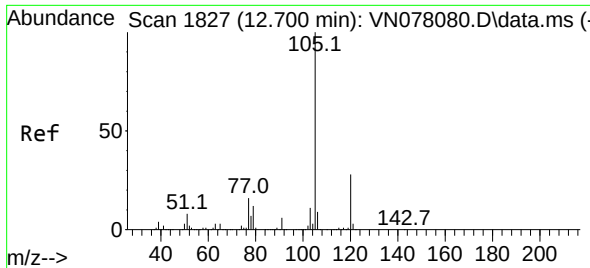


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59



Tgt Ion:152 Resp: 319269
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 189.2 0.0 355.8





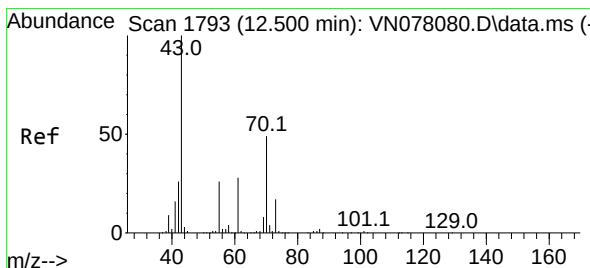
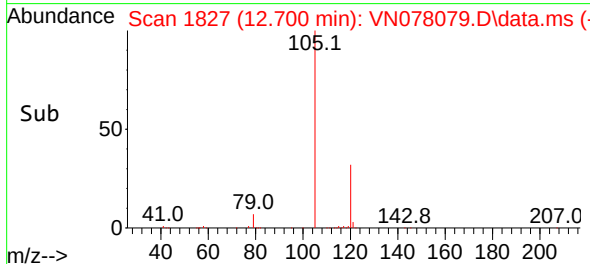
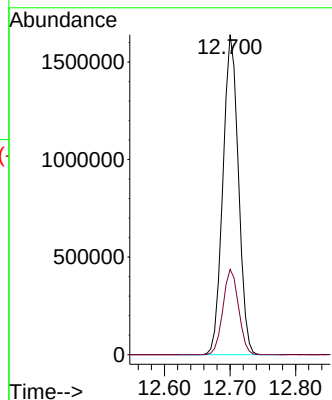
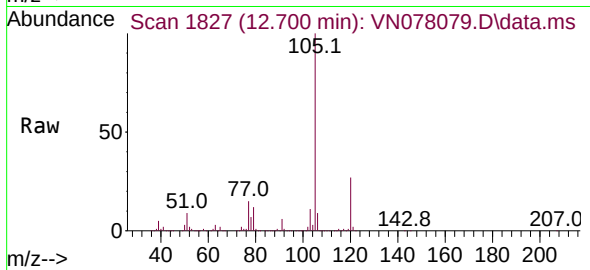
#73
Isopropylbenzene
Concen: 88.809 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 2681235
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

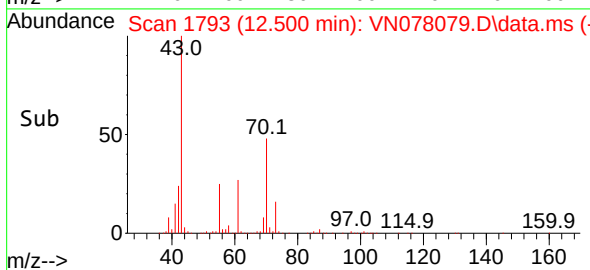
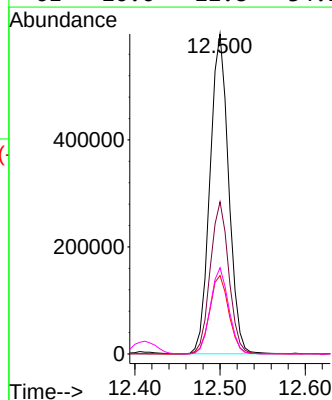
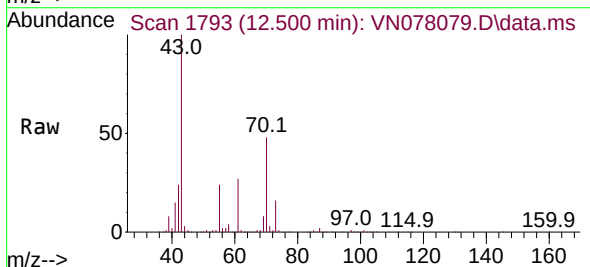
Manual Integrations
APPROVED

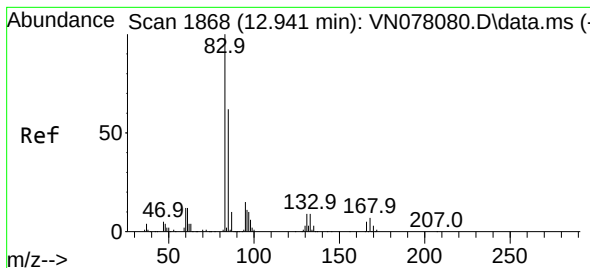
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#74
N-ethyl acetate
Concen: 91.638 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

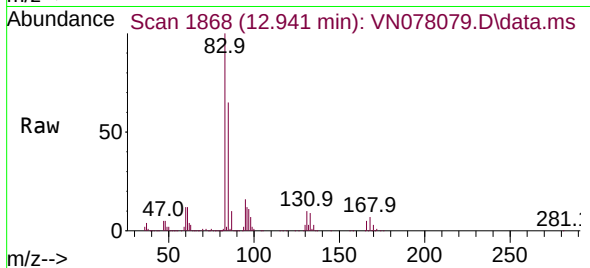
Tgt Ion: 43 Resp: 911065
Ion Ratio Lower Upper
43 100
70 47.5 43.4 65.2
55 25.2 21.4 32.0
61 26.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 98.155 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

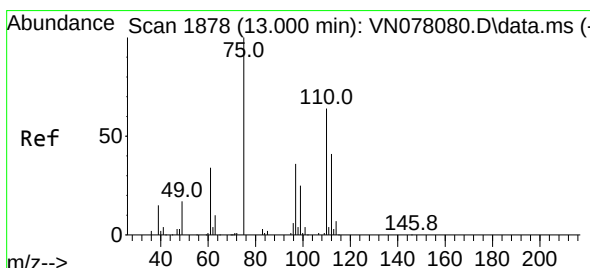
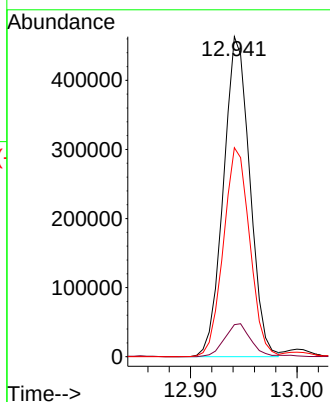
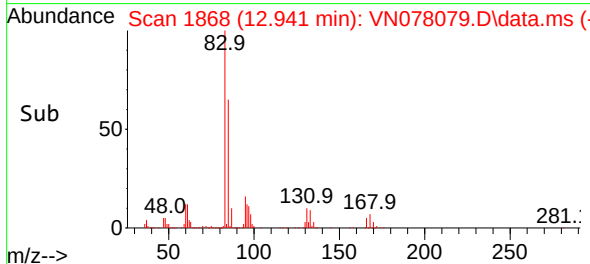
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



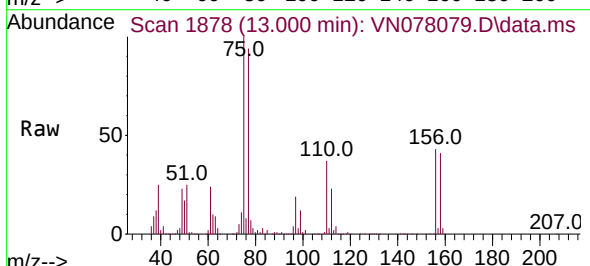
Tgt Ion: 83 Resp: 795480
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 65.4 31.9 95.7

Manual Integrations
APPROVED

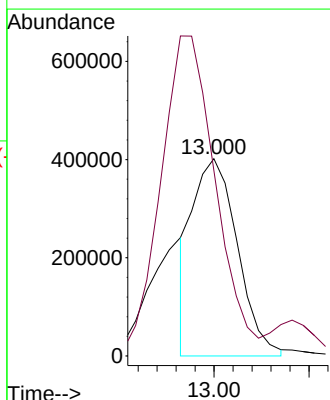
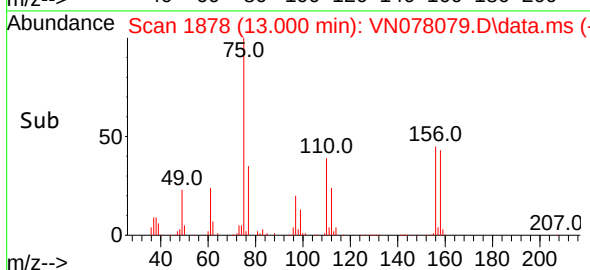
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

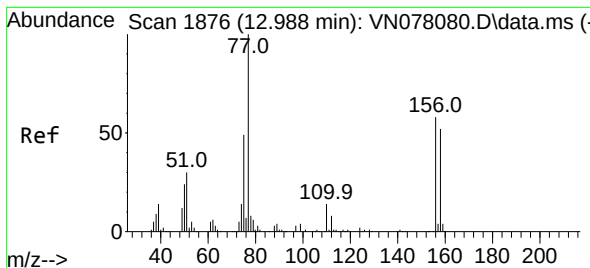


#76
1,2,3-Trichloropropane
Concen: 86.989 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59



Tgt Ion: 75 Resp: 659371
Ion Ratio Lower Upper
75 100
77 198.4 84.5 253.5





#77

Bromobenzene

Concen: 89.617 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:156 Resp: 62807

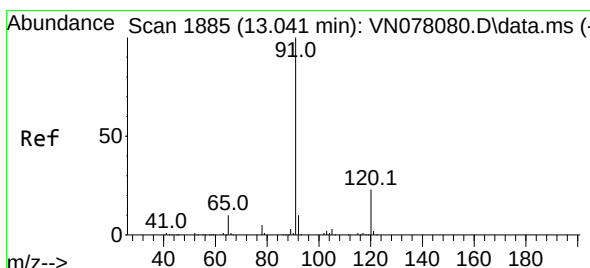
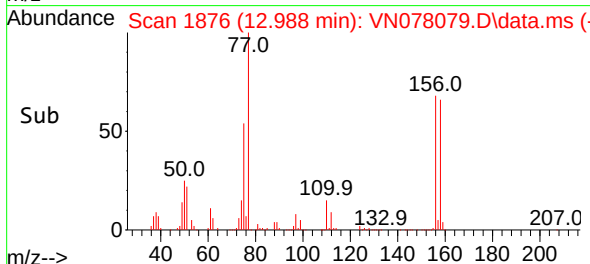
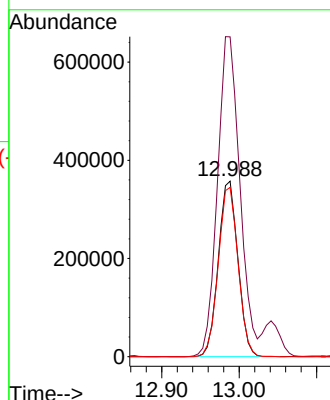
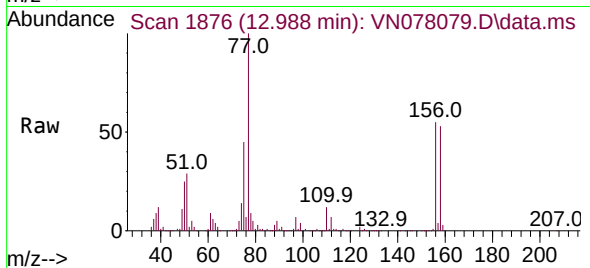
Ion	Ratio	Lower	Upper
156	100		
77	208.3	107.7	323.3
158	97.4	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#78

n-propylbenzene

Concen: 92.028 ug/l

RT: 13.041 min Scan# 1885

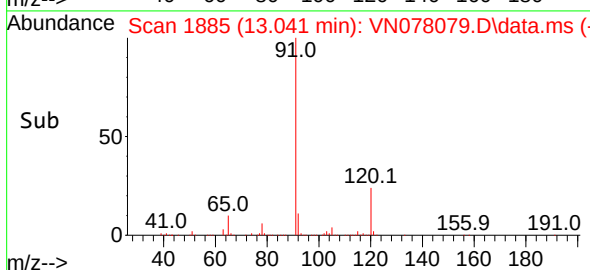
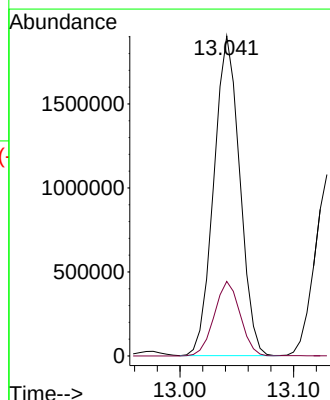
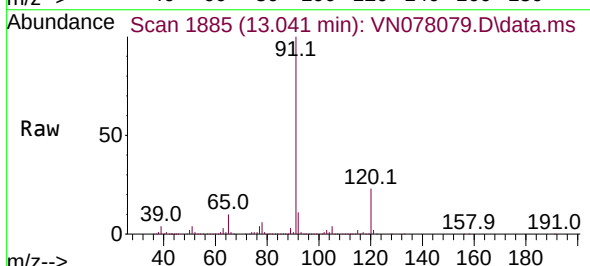
Delta R.T. 0.000 min

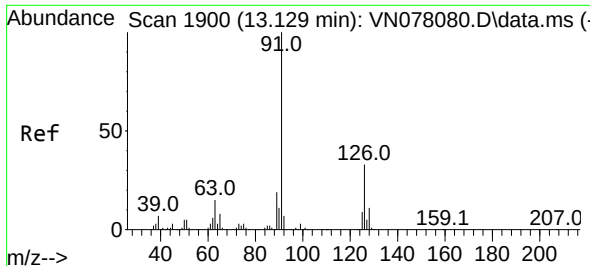
Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

Tgt Ion: 91 Resp: 3018681

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.5	34.4





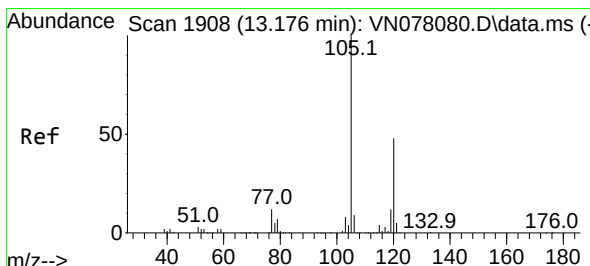
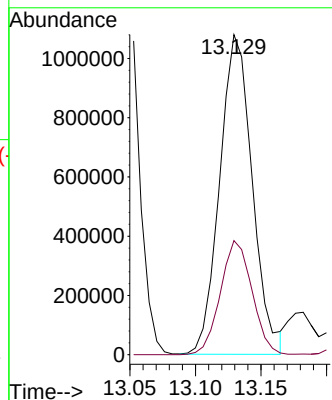
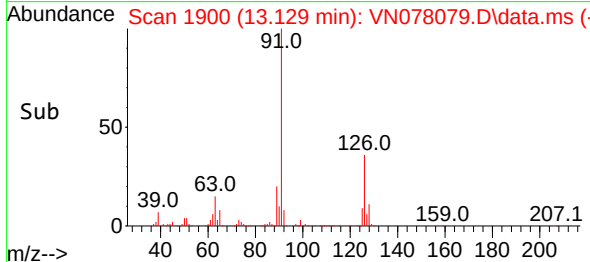
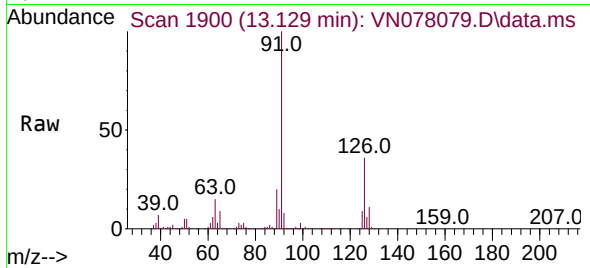
#79
2-Chlorotoluene
Concen: 88.019 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 186367
Ion Ratio Lower Upper
91 100
126 34.6 16.3 48.8

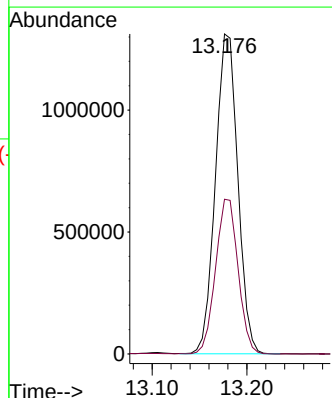
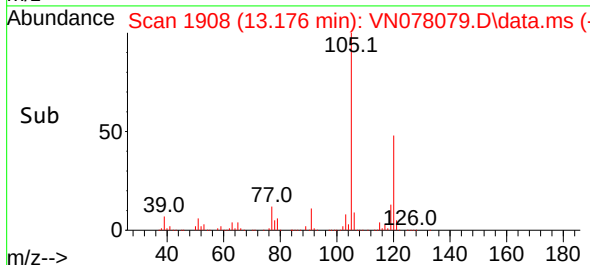
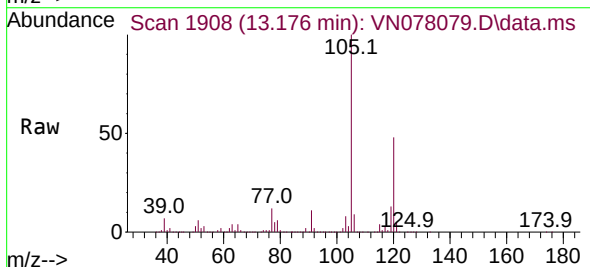
Manual Integrations
APPROVED

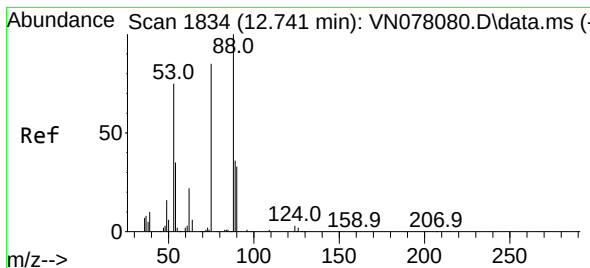
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 88.296 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

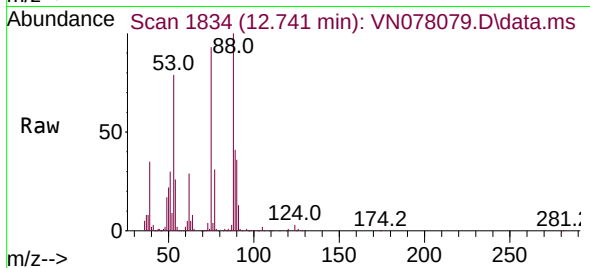
Tgt Ion:105 Resp: 2158235
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 101.064 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

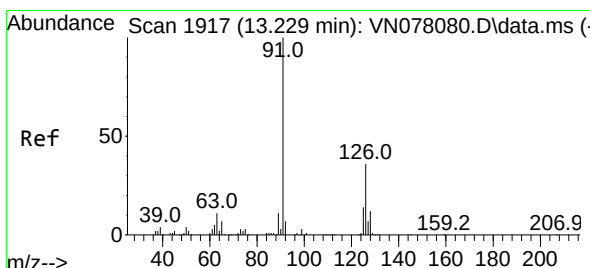
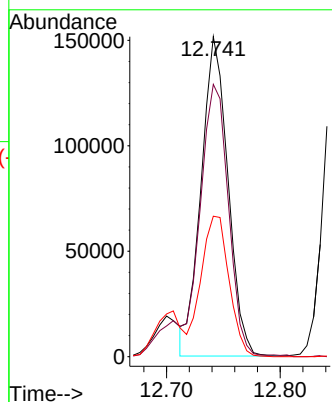
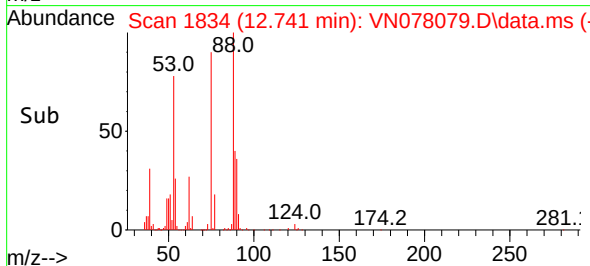
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



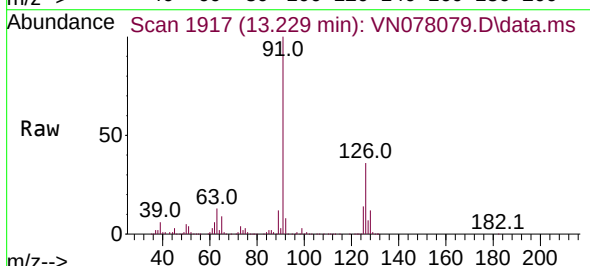
Tgt Ion: 75 Resp: 248280
Ion Ratio Lower Upper
75 100
53 99.9 67.4 101.2
89 45.9 38.8 58.2

Manual Integrations
APPROVED

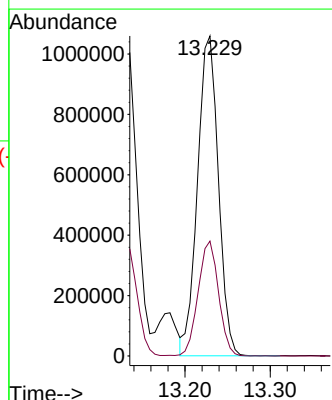
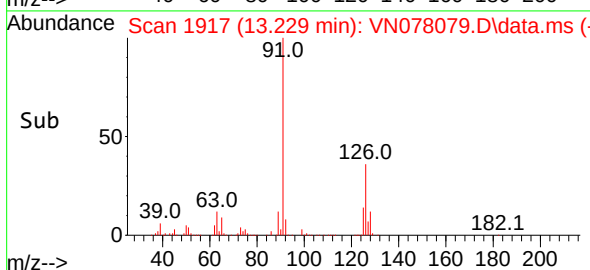
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

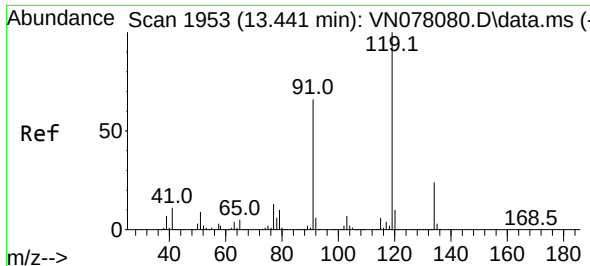


#82
4-Chlorotoluene
Concen: 91.032 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59



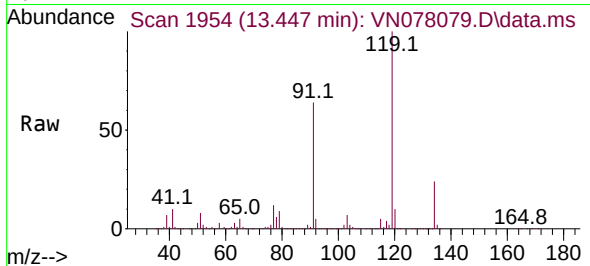
Tgt Ion: 91 Resp: 1798907
Ion Ratio Lower Upper
91 100
126 35.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 88.191 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

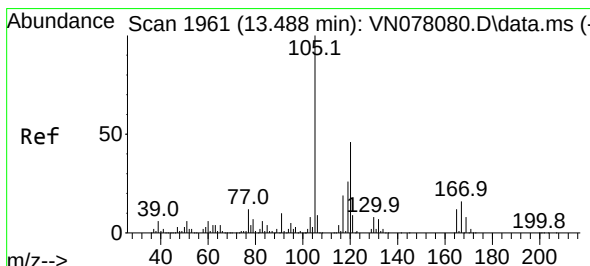
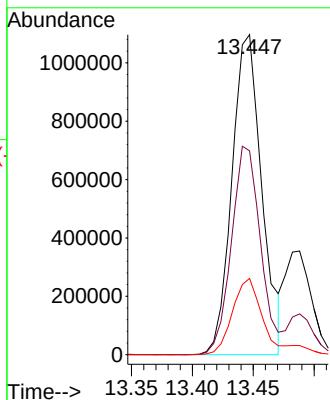
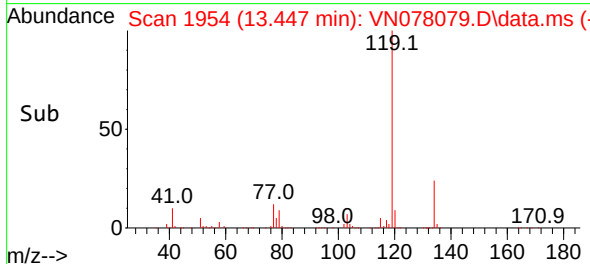
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



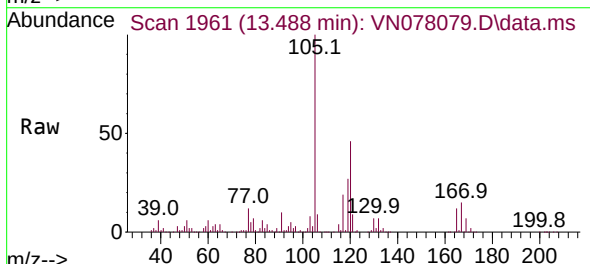
Tgt Ion:119 Resp: 187384
Ion Ratio Lower Upper
119 100
91 63.4 33.9 101.7
134 25.4 13.2 39.6

Manual Integrations
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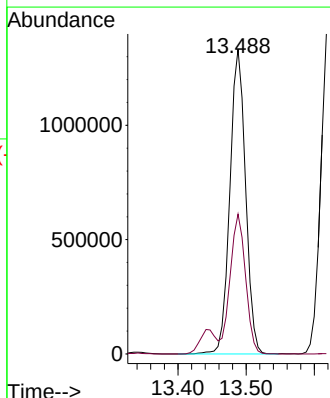
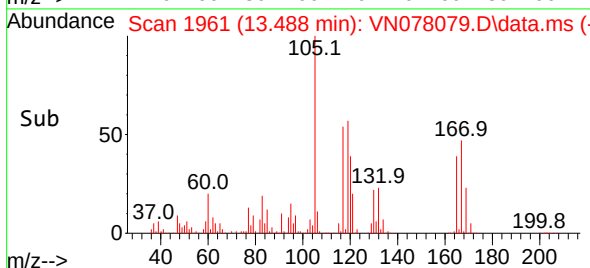
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

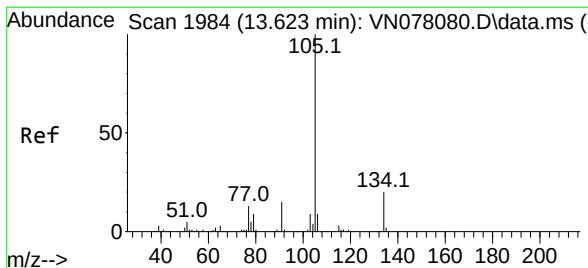


#84
1,2,4-Trimethylbenzene
Concen: 90.055 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59



Tgt Ion:105 Resp: 2134141
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





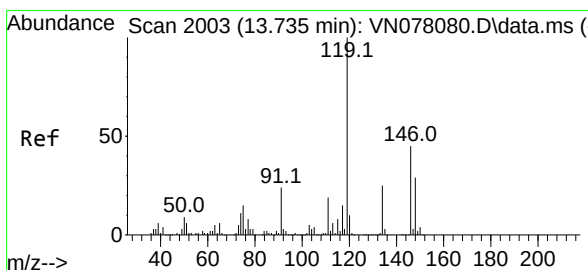
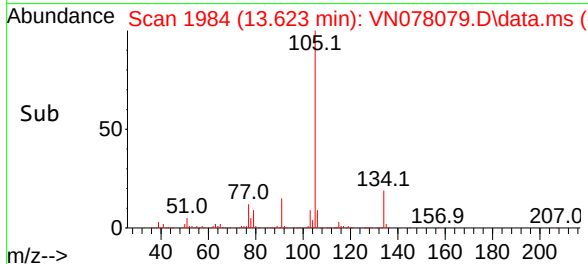
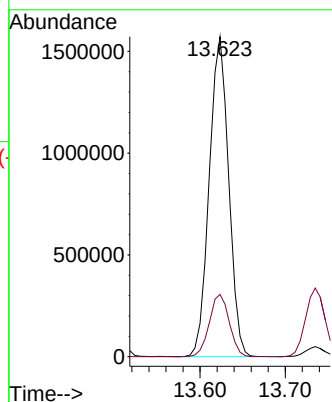
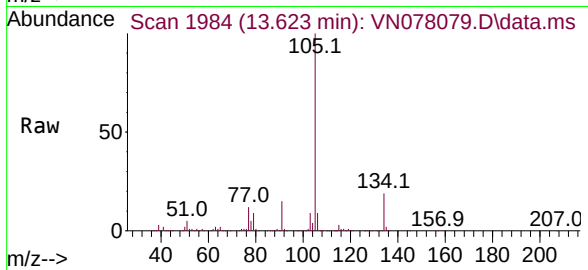
#85
 sec-Butylbenzene
 Concen: 89.520 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078079.D
 Acq: 06 Jun 2023 20:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 2489560
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

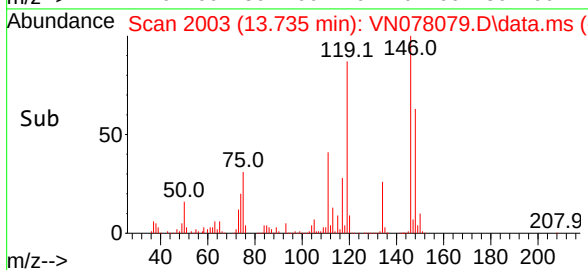
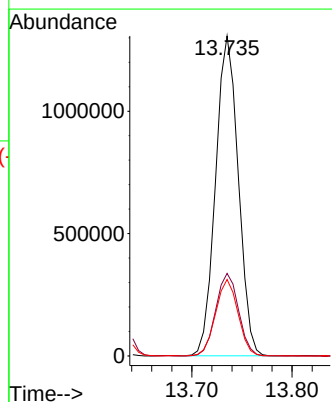
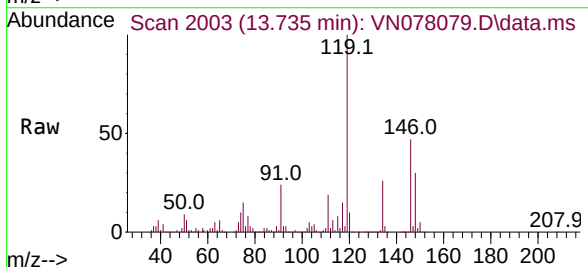
Manual Integrations
 APPROVED

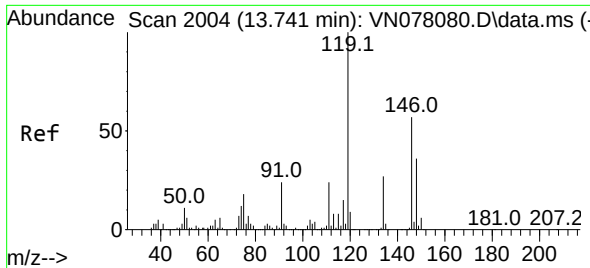
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#86
 p-Isopropyltoluene
 Concen: 90.993 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078079.D
 Acq: 06 Jun 2023 20:59

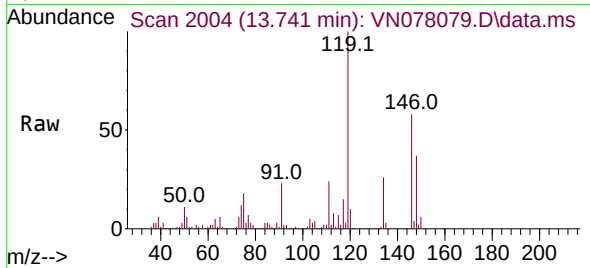
Tgt Ion:119 Resp: 2053519
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 23.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 91.187 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

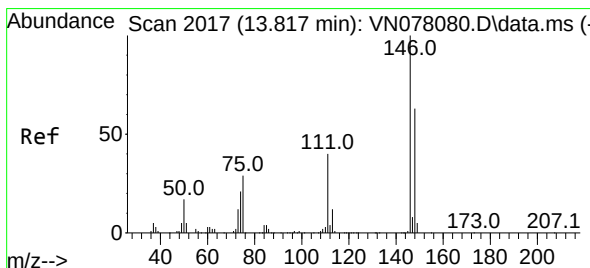
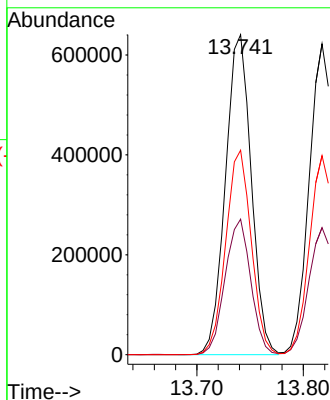
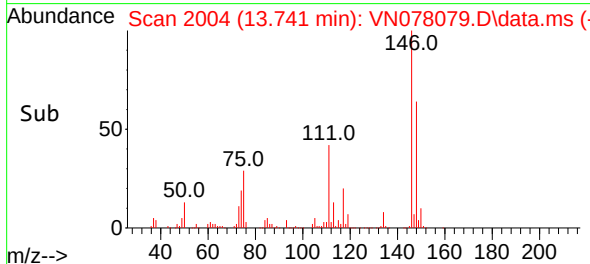
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



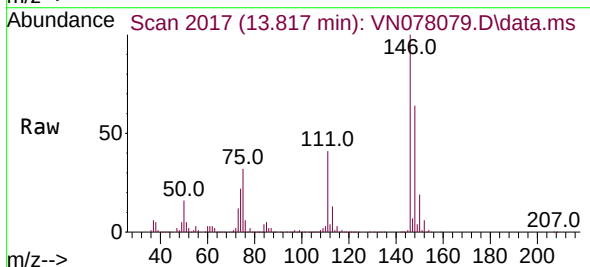
Tgt Ion:146 Resp: 1081019
Ion Ratio Lower Upper
146 100
111 42.0 22.1 66.3
148 63.2 32.0 96.0

Manual Integrations
APPROVED

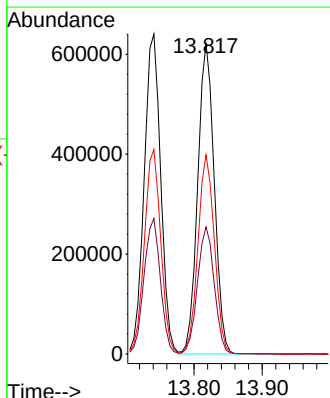
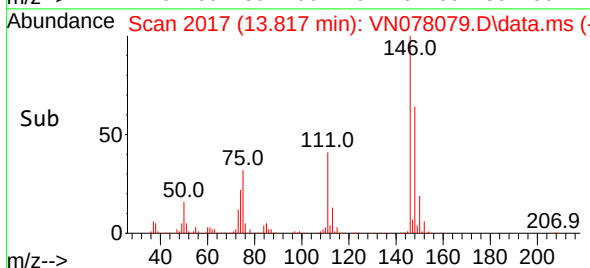
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

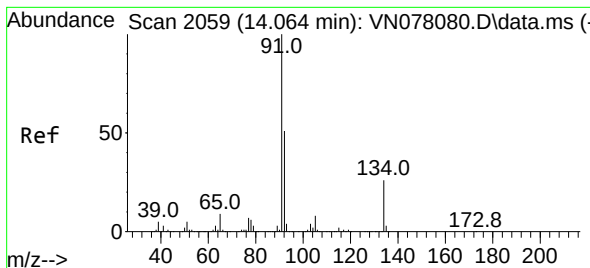


#88
1,4-Dichlorobenzene
Concen: 91.648 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59



Tgt Ion:146 Resp: 1048387
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.8
148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 90.574 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 161226

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.0

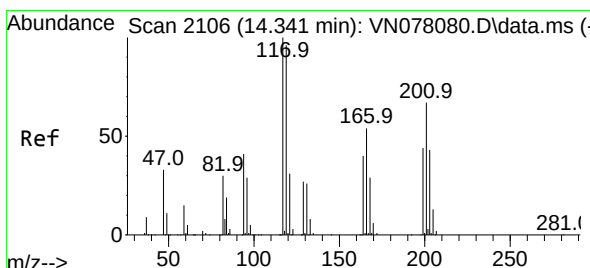
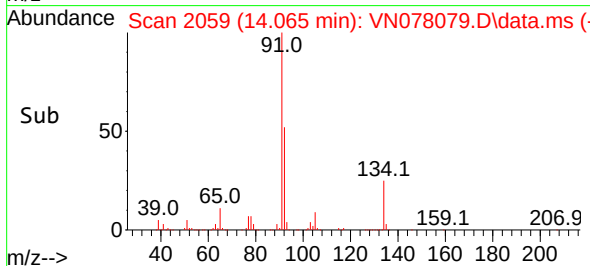
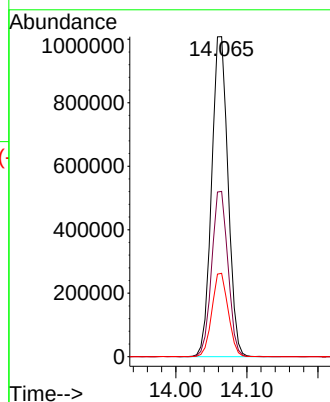
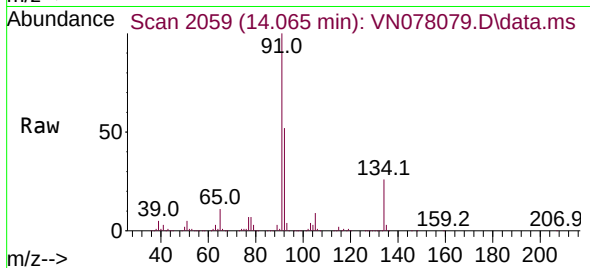
134 26.0 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#90

Hexachloroethane

Concen: 93.446 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.000 min

Lab File: VN078079.D

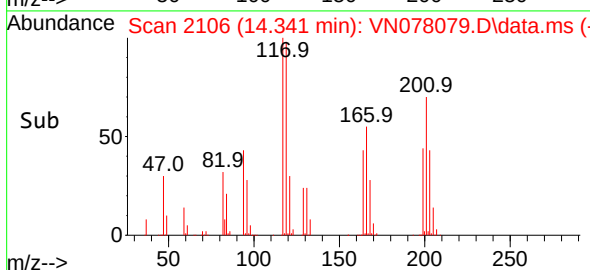
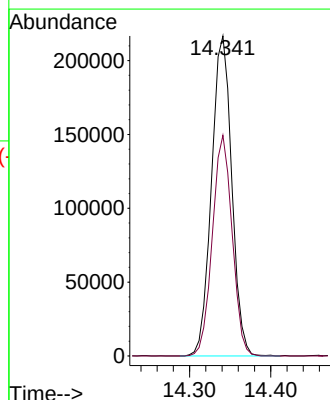
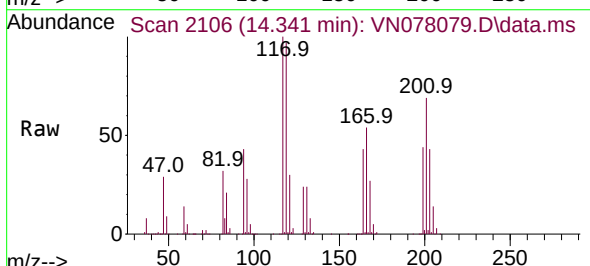
Acq: 06 Jun 2023 20:59

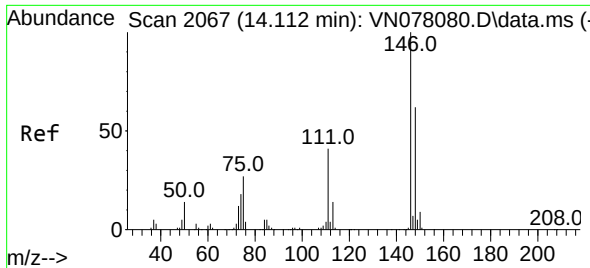
Tgt Ion:117 Resp: 374250

Ion Ratio Lower Upper

117 100

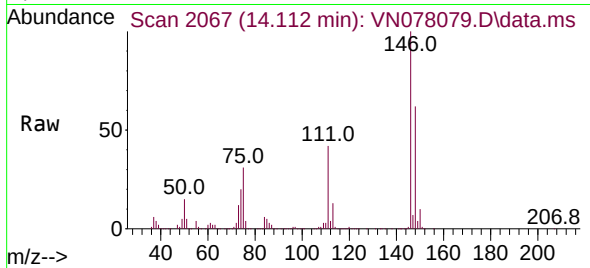
201 67.5 29.3 88.0





#91
 1,2-Dichlorobenzene
 Concen: 91.457 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN078079.D
 Acq: 06 Jun 2023 20:59

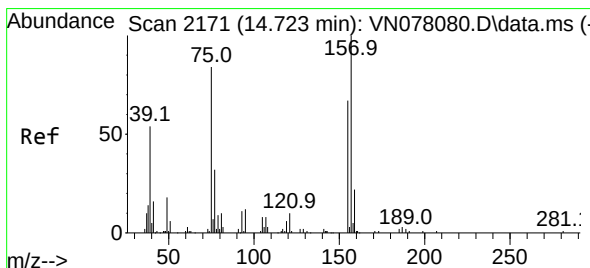
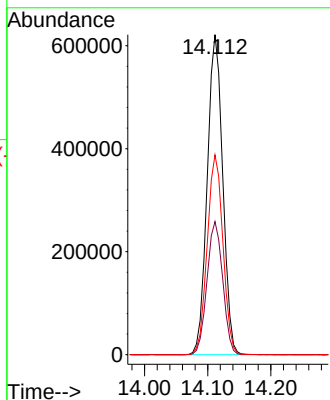
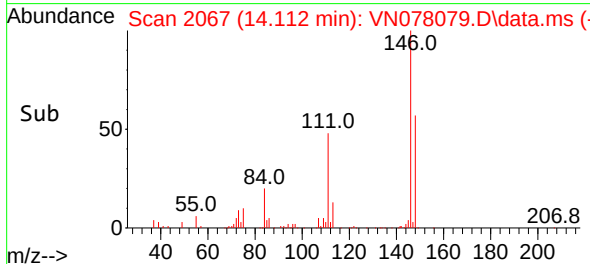
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



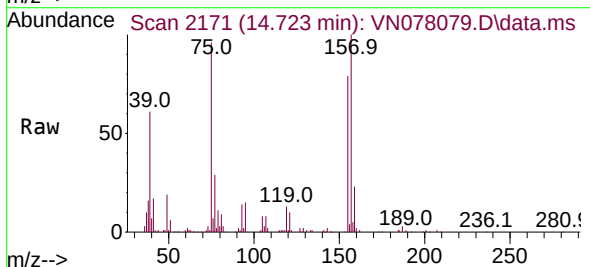
Tgt Ion:146 Resp: 105963
 Ion Ratio Lower Upper
 146 100
 111 42.2 22.0 66.0
 148 63.3 31.8 95.3

Manual Integrations
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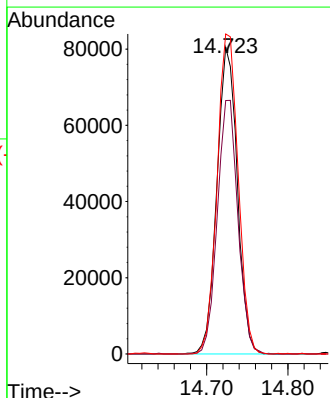
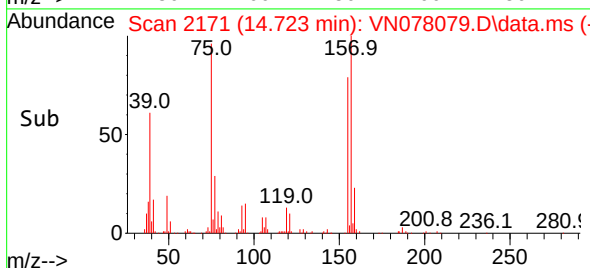
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023

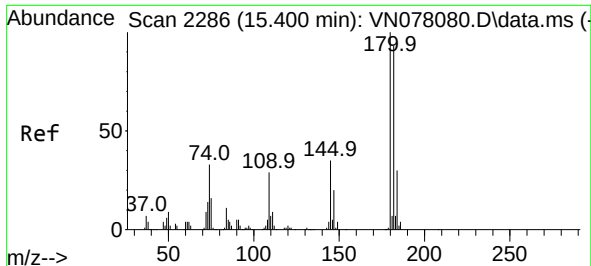


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 94.024 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078079.D
 Acq: 06 Jun 2023 20:59



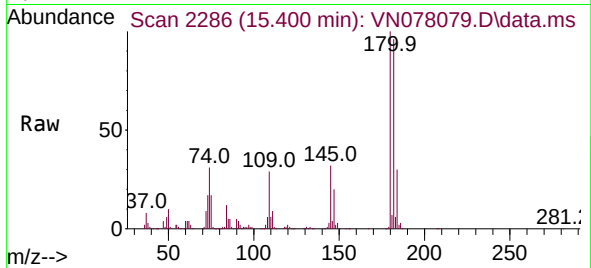
Tgt Ion: 75 Resp: 140607
 Ion Ratio Lower Upper
 75 100
 155 83.5 39.1 117.2
 157 107.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 106.588 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

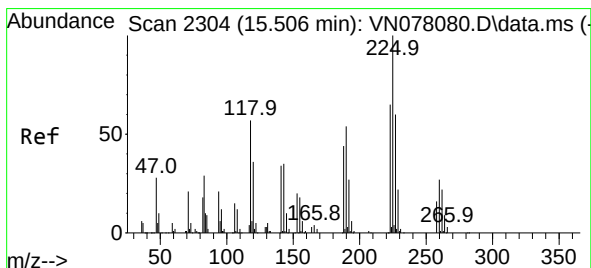
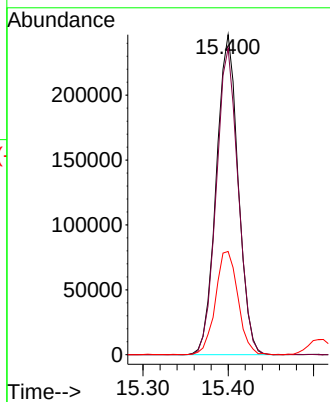
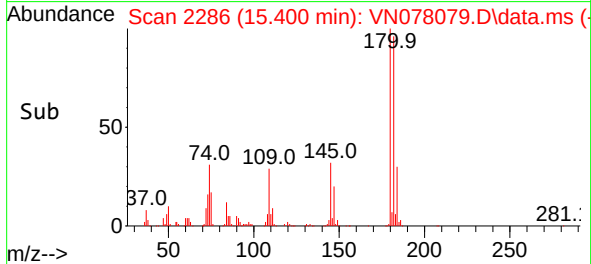
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:180 Resp: 440004
Ion Ratio Lower Upper
180 100
182 95.7 46.1 138.2
145 33.2 16.6 49.8

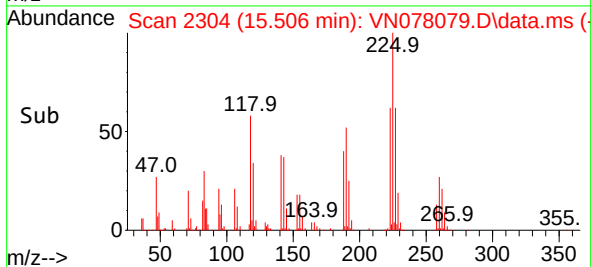
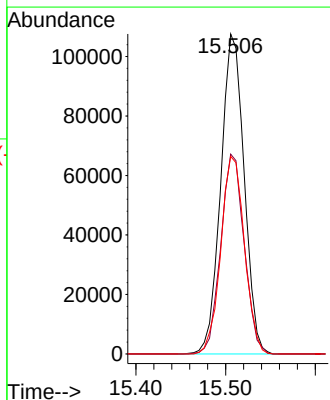
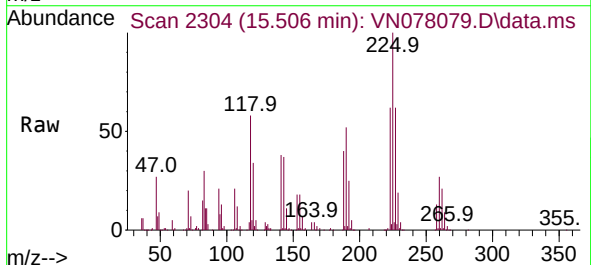
Manual Integrations
APPROVED

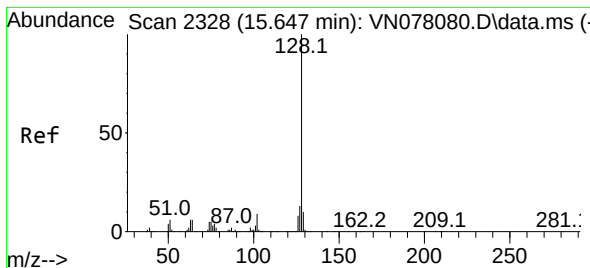
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#94
Hexachlorobutadiene
Concen: 98.717 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078079.D
Acq: 06 Jun 2023 20:59

Tgt Ion:225 Resp: 194470
Ion Ratio Lower Upper
225 100
223 62.5 31.3 93.8
227 62.3 31.9 95.9





#95

Naphthalene

Concen: 109.350 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 1518420

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

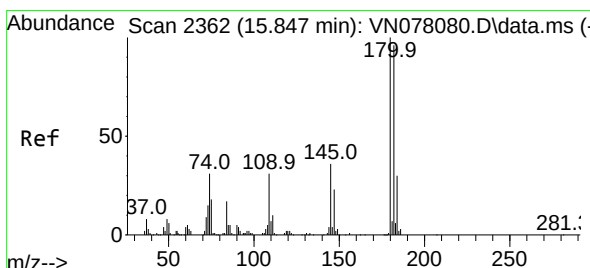
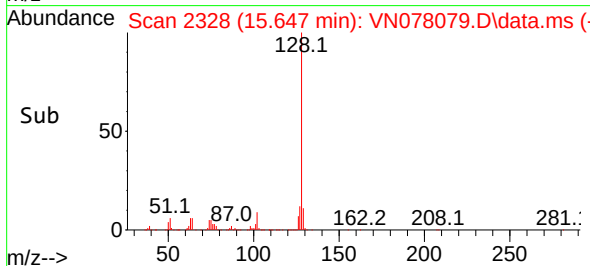
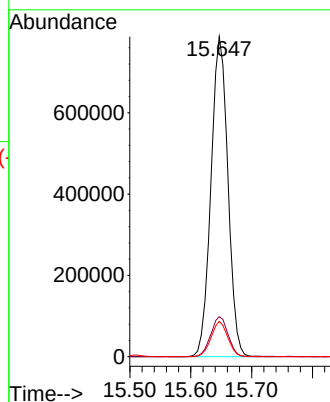
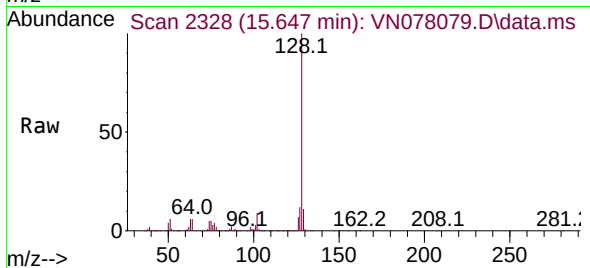
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#96

1,2,3-Trichlorobenzene

Concen: 98.625 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078079.D

Acq: 06 Jun 2023 20:59

Tgt Ion:180 Resp: 455344

Ion Ratio Lower Upper

180 100

182 96.0 46.2 138.6

145 34.8 17.5 52.6

